

attaaggaga	cttccaagaa	gtctaatact	aagtagggca	tccctgctta	atcaataaca	360
cttcatttcg	tgaccatgag	acaagaaaac	tacagagact	tcatccctaa	catccttcag	420
ctccagaacc	aatgccaaat	cacctaactc	cagggtatat	gacaaaaaaa	aacatctggt	480
taggacattc	tttagtgagg	tttggttttc	tggtcacagt	cacaatgacg	gatttaaaaa	540
aaaaagagta	tctcaacttc	ctattggggag	tacatgtttt	cccctgattt	taaactcatg	600
ggacaaaaag	aaagtgttga	ctggcatctg	gcaagataat	taaatatctg	aaacaccctg	660
aaggaaacaa	agaggggtact	gtgggtcaaga	gtaaggtgga	caggatacca	tagaagatat	720
atccagtgtg	tataatgata	actgctaaaa	caccctcaaa	actcactagc	agaatgtaat	780
caagttttatt	ttcttggtca	aagtccaata	tggatgtttt	tgggtcaagta	gctattatgc	840
cctaaatagt	aactcaggta	ttcagacttc	ttctatgcta	tgactccatc	accgtcaaaa	900
catgtgcttc	aaggttacct	tgaagaggaa	ggaggaagag	aataatggaa	atggctcagc	960
caccctttta	ctgccttggt	ctagtattga	aacatcactt	ccactcattt	tccactgttg	1020
agaactactc	acataggcct	agatgcatgg	agctgggaaa	tgaggtttac	ctgtgtccag	1080
aaagaggaca	tttgggtgag	catctggcca	gtttcttcca	cagaagcaaa	ggtaatagtg	1140
gtatgaattc	aggaagatga	aaatgagctc	actggggaaa	gagtattcaa	ggaagatgga	1200
gcatgtgcaa	agactctcag	tagaaacagt	ttggaaagct	tgaggaataa	aaagcaagtc	1260
tgtgtggctg	gagttttgtg	aaaggggagg	agtgggttaa	gatgcagatg	gtgatgggtg	1320
cggaggcctg	ggcaagatca	cacggggcct	gaaaagtttg	tcttttgttc	tcgaggcagt	1380
gagaatccat	tgaaggattt	taagcagaga	agtgcataaa	gctgatttac	attttaaaaa	1440
gatcacatgg	ctgtgtggaa	aattaattgc	tttagggaca	cgagtagaag	caattagacc	1500
accagtaagg	cagttactgc	aggagttggg	tatcctaaaa	ccagatggct	ggtcagagaa	1560
ttcacctggg	aaggaggatg	accaggggat	gaaagggttct	aattactggg	ctctgtgaaa	1620
agctgtagag	agttttgtgc	agttacataa	atgggttgggt	ttggagctga	gcggtgtctc	1680
tgccaagatc	atgttggttc	ttttagaact	gtgttccctt	aggactggac	tatattatgg	1740
gaacagaagc	tggagcacac	caataactgc	agaagcagta	actattttatt	tggagaactc	1800
tcaaagggat	gctgaacaag	catgaggcac	ggataaccaa	acccaatttt	attcttgtct	1860
cttaccaccc	tccaaatttt	attcactggg	aggactctc	cctgctatgg	agaaaagctg	1920
cagcgagggt	gtgatgttct	taatagatag	tctgtgatc	agtttaagga	acaaacataa	1980
tctcaattaa	ttagaatgtc	taatcctgtg	taacaataat	ctgcacctgt	tgcagtttta	2040
aatccctttt	tcctctccca	gctctgcccc	agctaagtct	aggagcctgc	actgggaaaag	2100
ggaggagtga	ttggtatgct	cttccctctc	ctcggtcct	ctctacctaa	tcactgctga	2160
ttgctctggg	cccaagtgat	gaggagaggt	aaacagataa	atcattttgc	cctgactggg	2220
tattttctatg	cactgtgggc	ctgaaagata	tttccctctc	cctattctca	ctctcaaatg	2280
ataaactggc	ttcctgctcc	cctgaaaaaa	aatcaaagca	atcagaaatg	aacttctggg	2340
gccctatcag	gaactctgga	agagggcttt	cataatggag	caacctctta	ccactgccat	2400
ttacctcaaa	caggccctcc	acattactca	gcaatcctta	ccccctgca	ttgtgagttc	2460
tctctcatct	caatagcact	cgacagctaa	caacctgccc	atcctcccat	aaaaaaaaaa	2520

<210> 7354

<211> 3219

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (322)...(1597)

<223> similar to gi4336416 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7354

gaaagaaaag	ctaaacctgc	aacaaagtgt	tctgtgcccc	gaacgcggtt	aggaagtgtg	60
tgcatacgtc	tgaaccctaa	atggttctca	gttctgtaaa	cttctcctcc	cactgggtgg	120
agtacggcct	ttaagagcag	ctggaatgca	gttcccctga	tcagcgtagc	cagttgttgc	180
ctgtctgaac	ctctgccagt	cctggagact	ggtgccctga	gctccaacca	gcgggcctca	240
tcttacaccc	tcaccaccgc	aactttctcac	ccgagcaaga	agcagctccc	agagagaaaag	300
aacgttccca	cctgcctagc	catgggagag	gacgctgcac	aggccgaaaa	gttccagcac	360
cctgggtctg	acatgcggca	ggaaaagccc	tcgagcccca	gcccgatgcc	ttcctccaca	420
ccaagcccca	gcctgaacct	agggaaacaca	gaggaggcca	tccgggacaa	ctcacagggtg	480
aacgcagtca	cgggtgctcac	gctcctggac	aagctggtga	acatgctaga	cgctgtgcag	540
gagaaccagc	acaagatgga	gcagcgacag	atcagtttgg	agggtccgt	gaagggcatac	600
cagaatgacc	tcaccaagct	ctccaagtac	caggcctcca	ccagcaacac	ggtgagcaag	660
ctgctggaga	agtcccgcga	ggtcagcgcc	cacagcgcg	cggcacaaga	gcgcattgat	720
aggcagtgcg	cacagggtgaa	gcggctggag	aacaaccacg	cccagctcct	ccgacgcaac	780
catttcaaa	tgctcatctt	ccaggaggaa	aatgagatcc	ctgccagcgt	gtttgtgaaa	840
cagcccgttt	ccggtgccgt	ggaagggaag	gaggagcttc	cggtatgaaa	caaataccctg	900
gaggaaaccc	tgacacaccg	ggacctctcc	tcagatgatg	atttgcccca	cgatgaggag	960
gccctggaag	acagtgccga	ggaaaagggtg	gaagaaagta	gggcagagaa	aataaaaaaga	1020
tccagcctga	agaaagtgga	tagcctcaag	aaagcatttt	ctcgccagaa	catcgagaaa	1080
aagatgaaca	agctggggac	aaagatcgta	tctgtagaga	ggagagagaa	gattaagaaa	1140
tctctcacgt	caaataccca	gaaaatatcc	tcaggaaaaa	gctccccctt	caaggtttct	1200
cccctcactt	tcggggcgga	gaaagtccga	gagggagaaa	gccatgcaga	aatgagacc	1260
aagtcagaag	acctgcctag	cagtgcagcag	atgccaaatg	accaggaaga	ggagtccttt	1320
gcagaggggtc	attccgaagc	gtccctcgcc	agcgtctctg	tggaagggga	aattgcagag	1380
gaggctgctg	agaaggcgac	ctccaggggg	agtaactcgg	ggatggacag	caacatcgac	1440
ttgactattg	tggaagatga	agaggaggag	tcagtggccc	tggaacaggc	acagaaggta	1500
cgctatgag	gtagctacgc	gctaacatcc	gaggaggcgg	agcgtccga	tggggacccc	1560
gtgcagcccg	ccgtgctcca	ggtgcaccag	acctcctgag	cttagagcca	ccgtgccatc	1620
ctgtgctgtg	ctcaagcggg	cagccagggc	tgaagaacaa	actcttgcac	atctccagca	1680
cgactcacc	actcctgcgt	tcctgtccag	gcagtaatca	ttgaccatat	agtcattagta	1740
agacacacga	gaccaggcct	taccatgaaa	gcgacctgtc	acggactcca	cttttaattt	1800
gctcttaggt	tctatctctg	tagaatgtct	ccaagattga	agaagaagct	gagcagttga	1860
aaaatgctaa	tctctttgac	ttagtgcaga	aaaaacagag	gataattaag	atactagtca	1920
tgaaaagtga	ttcattcttt	tttgtcattc	cataagcttg	ctgaatagtg	taccggtaat	1980
atattgtatt	tcaccgttac	tctgtgaatc	taattattat	tctttaagtg	ttgatataata	2040
atatacataa	atatgtaagc	taaacaataa	actatatgtt	ttaagaagaa	aacatctacg	2100
aaaggtaaaa	agagatgatc	agttggttgt	ttacttgcta	gaaaccattg	ttttattgca	2160
aacgaaggaa	aatgaagag	attataaaa	tcagctaata	aagtaagata	cgtagtaaag	2220
tcaggactat	tcaaaaagta	agaaagaaaa	tttggaataa	gagagaaaaca	ggaaacaaag	2280
aatgccgaaa	agaatgaaaa	cagagaaaaa	atgtatgtgc	ttgaaagtaa	aatacttaca	2340
atagtagctt	aactatttca	ctctttaaat	aaaaatacta	aagaagttcg	tatatcctgg	2400
aataacatgt	catcttcaaa	atatttttat	tttctaataa	ttttaataat	aaacatttta	2460
tagtgtaaaa	gctgtatttt	tcttaataaa	taaaggacat	tacaaatatt	tctttaagga	2520
agttcaaaa	gatgtttgtc	tgtaaacatt	ggaacgaata	taaatcttca	aaatacaatt	2580
aatatatact	gtttttgtgga	aacttagctc	atactattct	ttaatgctct	tcaaatttaa	2640
actaacctt	acattccatg	tgatgtgatg	taggcttata	agatgctaaa	atctataggt	2700
tttggaagtg	aaagattcta	ttttttcttt	ttttgtacat	aatgggaatt	tcattccaga	2760
ttatatttta	tttacatatt	aatttcacag	aatattaata	tttcttaact	tcttaaagca	2820
tgctagcgtt	ttatgtatat	gtacacatat	attcagacag	ggtaatttta	tctgctgcct	2880
aacattgtac	taaaatattg	ctttatctgt	ttttaattac	aaaatgctaa	tgattttctta	2940
aattatagtt	tataggacaa	atgggcccag	ggaagcaaat	cccctgcctt	tagtatgaac	3000
cactataagt	aaccttacaa	atagagttaa	tccaagacaa	tattaacaaa	ctgtgctttg	3060
tctttaataa	aagggatagg	attaacaaac	atattgatgg	cataacctat	tcagctatgt	3120
ccttattttt	gcaataatgt	aacctcaaat	attggattgt	tgaaccaaca	atggctgtgt	3180
taaagaagat	taaataaacc	gaaaaataaa	aagcatgaa			3219



<210> 7355  
 <211> 5054  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (604)...(2409)  
 <223> similar to gi4240237 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7355  
 aggggaattgg acagcctggc tgacttgccg gagcggatta aaccaccata tgcaaacgga 60  
 ctttcaacat cccatcttag gtcattcttct gtagaagatg ttaaactaat tataagcgag 120  
 ggggagaccta ccatagaagt tcgaagatgt agcatgcctt ctgtcatttg tgaacataacc 180  
 aaacaattcc aaacaatatc agaagagagc aatcaaggta gcttattaac tgtgccagga 240  
 gatactagtc cttctcccaa acctgaggta ttctcaaatg tgccctgaaag agacctttca 300  
 aatgtatcta acatacattc cagttttgca acttctccaa ctggagcttc aaacagcaag 360  
 tatgtttcag ctgatagaaa tctcatcaag aatactgccc cagtgaacac tgtaatggag 420  
 agtccagtgc atttagagcc atctagttag gttggtgtga tccagaataa atcatgggag 480  
 atgcctgttg atagactaga gacattaagc accagagact ttatctgccc aaattctaac 540  
 atacctgac aagaatcctc tcttcagagt ttttgtaatt ctgaaaataa ggtattgaaa 600  
 gaaaatgctg attttttatt cctgcgccag actgaactgc caggaaactc ttgtgctcag 660  
 gatccggcat cctttatgccc tccacagcag ccttgctctt tccccagcca atcactttca 720  
 gatgctgaat cgatttctaa acatatgtct ttgtcatatg ttgctaatac agagccaggt 780  
 attttacaac aaaaaaatgc agttcagatt attagtcttg ctttagatac tgataatgaa 840  
 tctacaaaag atacagaaaa tacttttgtc ctaggagatg ttcaaaaaaac agatgccttt 900  
 gtcccagtgt actctgacag cactattcaa gaagcatcac caaactttga gaaagcttat 960  
 actttacctg tgttaccatc agaaaaggac tttaatggaa gtgatgcctc taccagcta 1020  
 aatacacatt atgcatttag caaactaact tacaagtctt ccagtggcca tgaagttgag 1080  
 aatagcacia ctgatactca ggtcatttca catgaaaaag aaaacaaact ggagagtttg 1140  
 gttttaactc atttgagtag gtgtgattct gatttatgtg aaatgaatgc agggatgcca 1200  
 aaaggaaaacc taaatgaaca agatccaaaa cattgtcctg aaagtgaana gtgtttgctt 1260  
 tccatagaag atgaggaatc tcaacaaagc attttatcaa gtctggaaaa ccattcacag 1320  
 cagtcaactc aaccagaaat gcataaatat ggtcagttag ttaaagttag attagaagaa 1380  
 aatgccgaag atgataaaac tgaaaaccaa atccctcaaa gaatgactag aaacaaagca 1440  
 aatacaatgg caaatcaaa gaaacagatt cttgctagct gtacactatt atcagaaaaa 1500  
 gacagtgaat cctcatctcc tagaggaaga ataagattaa ctgaagatga cgtacctcaa 1560  
 attcaccatc cacggaaaag gaaagtgtca cgtgtacctc agcctgtgca agtgagtccc 1620  
 tctttactac aagcaaaaaga gaaaactcag caatctctgg cagccattgt agattctcta 1680  
 aaactagatg agattcagcc atacagttca gagagagcaa atccatattt tgaatacttg 1740  
 cacataagga aaaaaataga agaaaaacgc aaattactgt gtagtgtgat tcctcaagca 1800  
 cctcagtact atgacgaata tgtaacattt aacggatcat atctcctgga tggaaacccc 1860  
 ttaagcaaga tttgtattcc cacaattaca ccaccacctt cactgtcaga tccacttaaa 1920  
 gagctttttc gacaacagga agttgtaagg atgaaactac gtttgcaaca cagtattgaa 1980  
 agggaaaaac tcattgtatc caacgaacaa gaagttttgc gagttcatta cagagctgca 2040  
 agaacattgg caaatcaaac actgccattt agtgcttgta ctgttttgct ggatgccgaa 2100  
 gtatacaatg taccattgga ctctcagctc gatgacagta aaacttctgt gagggatcgc 2160  
 tttaatgcaa gacaattcat gtcttggtta caagatgtgg atgataaatt tgacaaatta 2220  
 aagacctgtc ttttaatgag gcaacaacat gaagctgcgg ctttaaatgc tgtccagagg 2280  
 ttagaatggc agctcaaac ccaggaactt gatcctgcca cctataaatc tatcagcatt 2340  
 tacgaaatcc aggagtttta tgttcccctt gttgatgtta acgacgactt tgaattgact 2400

cctatatagc	agtcagtact	tcctgatggt	attgtcctaa	actggtgatg	ctcaagcatt	2460
atactgtgga	atactgcctt	ttgacaaaaa	tactcatgcc	tttacaattg	ttagtaaagt	2520
tcgattatag	ttggttatgt	agtaaacact	gtcattttat	aaaaaatgag	aattattttg	2580
gatcttagat	ccaaacacag	tttctaatag	aaaactatta	tttatattgg	gaaaggtaac	2640
tattgcatta	gagcatgttg	gcagactggt	aggtatttaa	aaagttgaga	atctgctaac	2700
agcgctggaa	gttgtagcg	ctctaagtaa	taagataacc	actagtattc	aaatctcttt	2760
caggttttat	taaaaaatat	atatcaataa	actaaaaggt	tcaattccta	ccaaatagtt	2820
tctaattgtg	gagaaaaact	tggcacaaaa	tttcttcagt	ttattatctg	taaattgtac	2880
agttttcttt	ttgaaagttt	taatattgtc	ttccttttta	ataacttatt	ttatacatat	2940
tgtgcagatg	taaatcttgt	aattaatggt	caaactggta	taaagggtatt	ggtaagtcaa	3000
aacattgtac	aaagaaatac	cctgtaaaaa	tggttttgct	tcagtgttta	ttggaccaaa	3060
ggttggtggg	ttgtatggga	gtgtagtaag	tagtgtgtac	aggtagaaaa	cttttaaata	3120
cagcatgcag	gtgtttcagt	tagcttgttt	tcatacccat	aactgcaaag	gatgtggcct	3180
agttgtattg	catgcttcct	ataatttaac	tctccataat	tgatgcctgc	agtagtgtaa	3240
ggcatttcct	actagtctcc	tctagtagac	ctgtgactta	ctgtgttgga	catattattt	3300
agacttagtc	atacaaagaa	acttagctct	tttttcatct	cacagtaaag	cctattttccc	3360
caggaaaaaa	aataaatgcc	tttgaatgaa	aattctgaaa	ttgtaaatgt	ctattttaat	3420
attcacctat	gacagaatct	gtgaatatat	gtaaatacgt	ttaataaatt	ttattggtca	3480
tgttaaatac	ttgtaaaact	tttttacatt	gcttaatggt	ttaagcttaa	tagcctttgc	3540
acttttaaaa	taaaaaccaa	gtatgcaaat	caaagatatt	tggtagtcaa	aataagtaaa	3600
agaaatatag	gaatattcca	gtcaatctct	gaaatgttta	tgaaaaacag	gttaatatgt	3660
tgtatttttt	tccttgtatc	aagatgcaaa	acataatttg	caaaatttta	taattgaaat	3720
aaaacttggt	atgctgtttt	ataataaatt	agcaatatac	tttaaaaaaa	atccagtttc	3780
tcctataaca	tgatgtaaat	taaatattca	ggaatatttc	aggtctgaaa	tctgctgctg	3840
aacttgtag	acatttttga	aaggaaaatt	aggttagcgt	acaatttatc	ataaatatat	3900
gaggtaaaat	ttgcaaaaact	ttccacagta	ctttcttgaa	ttataatact	gaatgttttc	3960
tggtccgata	gagaaaagt	aagcaaatat	gtgaggaatg	aagtgatcta	gtgcaagttg	4020
gtaattccag	ctaattggag	agaatgtaaa	tgtgcaaagg	tacatatata	gcttagggat	4080
ttttgaattt	ttacgtcagt	ttatatttta	attcttactg	tacttggcat	gcgcaataaa	4140
gcagcacatg	taaaaaaaaa	aatacacagt	gcaaggactt	tattataaag	gttggtatga	4200
gttttcctta	aaaatttagg	tgagagattt	tggtcctttt	tattggataa	attgggccag	4260
aaaggcaggg	tagatttcga	agcactggtt	ctgttgaagt	taagtttatt	aagcctggga	4320
acattaaaag	ctaatttata	aaagcaatac	tttttaatat	gaaaacttac	tgcaaagttt	4380
gtttatactt	ttgcctaaaa	aggaaattgg	atgggatact	gtggcaaatc	ataaaaaacc	4440
agataattga	actttgaagt	tatagaaaat	cagagagggg	taagtttata	gggcattttg	4500
ttctgatggt	tcaaccagag	gtctgggaaa	tagcactggt	ggcccaaaca	gaacaggcct	4560
ttagaagata	aaagcgacaa	gaaggaatct	ggtgaatttt	agtcacccca	gcttttttagt	4620
cttaaccaca	gttctcactc	tcttaaatgg	tacctcaaaa	agctggagcc	tctctgccat	4680
gattatgctt	ctacaaaattt	ctttttataaa	gagactcaaa	gctaatagata	gcttaaaaga	4740
aaagttaatg	ccttctcatt	ggaaatgtat	aatcaataaa	gtagttaagg	gctttttggta	4800
ttaaagatat	tctgaagctc	tgaaatgcta	gaaaaaaatt	tggaatggag	tatatgcctg	4860
aaaagggttt	ggattcagaa	agaaaaagga	tggttagttt	aatcagtgat	tctttttaaa	4920
ctcttcaaat	atcatgaaca	agataactaaa	ttgtacctaa	ggattttgtat	ttcttttacia	4980
tttgttctaa	atatctgttt	aatgactagt	tgatatttgt	gcatgttatt	taataaagag	5040
ttatattttt	atag					5054

<210> 7356  
 <211> 3179  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (48)...(2375)

<223> similar to gi4757044 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7356

ccatctgagc	gagaagagca	gacaccgtgc	tccctggaatc	accagcatg	ttgcaaggtc	60
tccctgccagt	cagtctcctc	ctctctgttg	cagtaagtgc	tataaaagaa	ctccctgggg	120
tgaagaagta	tgaagtgggt	tatcctataa	gacttcctcc	actgcataaa	agagaggcca	180
aagagccaga	gcaacaggaa	caatttgaaa	ctgaattaaa	gtataaaatg	acaattaatg	240
gaaaaattgc	agtgttttat	ttgaaaaaaa	acaagaacct	ccttgaccca	ggctacacgg	300
aaacatatta	taattccact	ggaaaggaga	tcaccacaag	cccacaaatt	atggatgatt	360
gttattatca	aggacatatt	cttaatgaaa	aggtttctga	cgctagcatc	agcacatgta	420
ggggtctaag	gggctacttc	agtcaggggg	atcaaagata	ctttattgaa	cctttaagcc	480
ccatacatcg	ggatggacag	gagcatgcac	tcttcaagta	taaccctgat	gaaaagaatt	540
atgacagcac	ctgtgggatg	gatggtgtgt	tgtgggcccc	cgatttgcat	cagaacattg	600
ccctacctgc	caccaaacta	gtaaaattga	aagacaggaa	ggttcaggaa	catgagaaat	660
acatagaata	ttatttggtc	ctggataatg	gtgagtttaa	aagggtacaat	gagaatcaag	720
atgagatcag	aaagagggtta	tttgagatgg	ctaattatgt	caacatgctt	tataaaaagc	780
tcaatactca	tgtggcctta	gttggtatgg	aaatctggac	tgacaaggat	aagataaaga	840
taaccccaaa	tgcaagcttc	accttgagga	atttttctaa	atggaggggg	agtgttctct	900
caagaagaaa	gcgtcatgat	attgctcagt	taatcacagc	aacagaactt	gctggaacga	960
ctgtgggtct	tgcatttatg	tctacaatgt	gttctcctta	ttctgttggc	gttggttcagg	1020
accacagcga	taatcttctt	agagttgcag	ggacaatggc	acatgaaatg	ggccacaact	1080
ttggaatggt	tcatgacgac	tattcttgca	agtgctcttc	tacaatatgt	gtgatggaca	1140
aagcactgag	cttctatata	cccacagact	tcagttcctg	cagccgtctc	agctatgaca	1200
agttttttga	agataaatta	tcaaattgcc	tctttaatgc	tccattgect	acagatatca	1260
tatccactcc	aatttggtgg	aaccagttgg	tggaaatggg	agaggactgt	gattgtggga	1320
catctgagga	atgtaccaat	atttgctgtg	atgctaagac	atgtaaaatc	aaagcaactt	1380
ttcaatgtgc	attaggagaa	tgttggtgaa	aatgccaat	taaaaaggct	gggatgggtg	1440
gcagaccagc	aaaagatgag	tgcgacctgc	ctgaaatgtg	taatggtaaa	tctggtaatt	1500
gtcctgatga	tagattccaa	gtcaatggct	tcccttgcca	tcacgggaag	ggccactgct	1560
tgatggggac	atgccccaca	ctgcaggagc	agtgcacaga	gctgtgggga	ccaggaactg	1620
aggttgacga	taagtcatgt	tacaacagga	atgaagggtg	gtcaaagtac	gggtactgtc	1680
gcagagtgga	tgacacactc	attccctgca	aagcaaatga	taccatgtgt	gggaagttgt	1740
tctgtcaagg	tgggtcggat	aatttgccct	ggaaaggacg	gatagtgact	ttcctgacat	1800
gtaaaacatt	tgatcctgaa	gacacaagtc	aagaaatagg	catggtggcc	aatggaaacta	1860
agtgtggcga	taacaagggt	tgcattaatg	cagaatgtgt	ggatattgag	aaagcctaca	1920
aatcaaccaa	ttgtctatct	aagtgc aaag	cagatgctgt	gtgtgacat	gagctccagt	1980
gtcaatgtga	ggaaggatgg	atccctcccg	actgcgatga	ctcctcagt	gtcttccact	2040
tctccattgt	ggttgggggtg	ctgttcccaa	tggcgggtcat	ttttgtgggtg	gttgctatgg	2100
taatccggca	ccagagctcc	agagaaaagc	agaagaaaga	tcagaggcca	ctatctacca	2160
ctggcaccag	gccacacaaa	cagaagagga	aaccccgat	ggtaaaggct	gttcaacccc	2220
aagagatgag	tcagatgaag	ccccatgtgt	atgatctgcc	agtagaaggc	aatgagcccc	2280
cagcctcttt	tcataaagac	acaaacgcac	ttccccctac	tgttttcaag	gataatccaa	2340
tgtctacacc	taaggactca	aatccaaaag	catgaagcaa	cagctaagca	agaactaatg	2400
gctaaattat	caacttgga	aactggaaaa	tctggatggc	agagaaatat	actatctcac	2460
cagtatttgc	tctcgactca	agaagggtta	cattttctga	ttcatgttag	actttgaaga	2520
gactaaagaa	aattttcaag	aggaacatat	gcctgagaac	ctttgcatga	atttaaaatt	2580
tcaattatcc	attcttataa	gaagggaagat	gattgtaaag	aaatatctcc	gaagttaaaa	2640
tctgtaatag	gaattgattc	attctctaatt	gaaaacaaaa	cataaaaaaca	tcacactaat	2700
cttgaggagaa	taagaaaaat	tgtacatcca	ttaaattgtac	aattgattgc	aacatcttga	2760
ttgttttaac	cattaaacttg	tcaaattaca	atcacagtta	agaaaatgat	gtaaaattct	2820
gttttgggga	tctctttcct	agattagctt	ctgaaatcat	tattagctat	atcatttgag	2880
gttttctaca	atttggtata	actaagaatt	taaaaatggt	ttatcatata	tatttgtata	2940

attaattact	ggcatggtta	aagtgggtatt	tcactttttaa	aatggagaaa	atttcagtta	3000
aattaatagg	ataaaccagg	ttgcgaactg	atgacctgta	ggccatgtta	gcactgcaaa	3060
tatatttggg	ctgaatgata	ttgatattgg	acacatagta	cttttacatg	ttttgaatgt	3120
attgctaata	tttaaaaatt	gagagatcct	gcataaacia	tagattccca	aaaaaaaaa	3179

```

<210> 7357
<211> 1438
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (264)...(739)
<223> similar to gi2583079 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7357						
cgactccgcc	gactacgcgc	cttgggggtcc	gggtcgcttt	ccccgggacc	tggccggaaa	60
ctgagccggt	cacttccgcc	accagccgga	agttttctgt	cactggacgc	caaggagttt	120
tcggtggctc	agctgggtaa	ccggggatca	ccatggcggc	ctcattggtg	gggaagaaga	180
tcgtgtttgt	aacgggggaa	gccaagaagc	tggaggaggt	cgttcagatt	ctaggagata	240
agtttccatg	cactttgggt	gcacagaaaa	ttgacctgcc	ggagtaacca	ggggagccgg	300
atgagatttc	catacagaaa	tgtcaggagg	cagttcgcca	ggtacagggg	cccgtgctgg	360
ttgaggacac	ttgtctgtgc	ttcaatgccc	ttggagggct	ccccggcccc	tacataaagt	420
ggttttctgga	gaagttaaag	cctgaagggt	tccaccagct	cctggccggg	ttcgaggaca	480
agtcagccta	tgcgtctctg	acgtttgcac	tcagcaccgg	ggacccaagc	cagcccgtgc	540
gcctgttcag	gggccggacc	tcgggccgga	tcgtggcacc	cagaggctgc	caggactttg	600
gctgggaccc	ctgctttcag	cctgatggat	atgagcagac	gtacgcagag	atgcctaagg	660
cggagaagaa	cgctgtctcc	catcgcttcc	gggccctgct	ggagctgcag	gagtactttg	720
gcagtttggc	agcttgactt	ctgcagctgg	aggaggcccc	tcaggccggg	gatctgggga	780
gggctagccc	aaaacctccc	gcacggggca	ggcaccacct	gaagtacttc	cttcagggtt	840
tcccccttgt	gagggtgtcg	agtagcctca	ccggcctgtc	tggaggagca	gctggctctg	900
ctctgagaaa	ctctggcaag	tggacgccat	tctcttggcc	ttaggattca	ctgctctctc	960
ctacagccgc	caggcctggg	gtcctgaaag	gaccttgggt	ggtaaagctg	tacttggttg	1020
gagtgagggc	gtggggagga	accatgcaaa	tcgccttcca	tgggttttta	atgcagtaaa	1080
taacatttct	ggatgagact	tgtttccaaa	ataaaccagc	tatatctgtt	ttgaaaaaaa	1140
aaaaaaaagg	ggggcccggt	ttaaagaacc	cttggggggc	ccaaatttaa	cccgggctgg	1200
caaggaaaaa	tttttttcc	tatggggggc	cttttttaac	cctacttggg	aatttttgga	1260
aagaaccttt	tttttggggg	gggaacatat	tggcccaacc	tcctccaaa	atttaaaggc	1320
tttagggaaa	aaaaaaattt	ttaaggggaa	aagggggaaa	aacaacctca	atatacctgc	1380
tgttgaaaag	ttttttttcc	gggggttgtt	ttaaaaaaat	tttttccccg	ggacttgg	1438

```

<210> 7358
<211> 2392
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (92)...(2004)  
 <223> similar to gi2323410 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7358

gcgactcgtc	ccgccttctg	gggcactagt	ttgactttgt	gattggctac	tagtatcaag	60
gaatcccggc	gtggacagcg	cgaggagaaa	gatggcggcg	atggcggtcg	ggggtgctgg	120
tgggagccgc	gtgtccagcg	ggagggacct	gaattgctgc	cccgaataag	ctgacacact	180
aggggctgtg	gccaaagcag	ggtttgattt	cctctgcattg	cctgtcttcc	atccgcgttt	240
caagagggag	ttcattcagg	aacctgctaa	gaatcgcccc	ggtccccaga	cacgatcaga	300
cctactgctg	tcaggaagg	actggaatac	gctaattgtg	ggaaagcttt	ctccatggat	360
tcgtccagac	tcaaaagtgg	agaagattcg	caggaactcc	gaggcggcca	tgttacagga	420
gctgaatttt	ggtgcatatt	tgggtcttcc	agctttcctg	ctgcccctta	atcaggaaga	480
taacaccaac	ctggccagag	ttttgaccaa	ccacatccac	actggccatc	actcttccat	540
gttctggatg	cgggtaccct	tgggtggacc	agaggacctg	agagatgata	taattgagaa	600
tgcaccaact	acacacacag	aggagtacag	tggggaggag	aaaacgtgga	tgtgggtggca	660
caacttcagg	actttgtgtg	actatagtaa	gaggattgca	gtggctcttg	aaattggggc	720
tgacctccca	tctaatacat	tcattgatcg	ctggcttggg	gagcccatca	aagcagccat	780
tctccccact	agcattttcc	tgaccaataa	gaagggattt	cctgtttctt	ctaagatgca	840
ccagaggctc	atcttcaggc	tctcaagtt	ggagggtcag	ttcatcatca	caggcaccaa	900
ccaccactca	gagaaggagt	tctgtccta	cctccaatac	ctggaatact	taagccagaa	960
ccgtcctcca	cctaatagct	atgaactctt	tgccaagggc	tatgaagact	atctgcagtc	1020
cccgtttcag	ccactgatgg	acaatctgga	atctcagaca	tatgaagtgt	ttgaaaagga	1080
ccccatcaaa	tactctcagt	accagcaggc	catctataaa	tgtctgctag	accgagtacc	1140
agaagaggag	aaggatacca	atgtccaggt	actgatggtg	ctgggagcag	gacggggacc	1200
cctggtgaac	gcttccttgc	gggcagccaa	gcaggccgac	cggcggataa	agctgtatgc	1260
tgtggagaaa	aaccctaatg	ccgtggtgac	gctagagaac	tggcagtttg	aagaatgggg	1320
aagccaagtg	accgtagtct	catcagacat	gagggaatgg	gtggctccag	agaaagcaga	1380
catcattgtc	agtgaacttc	tgggtcatt	tgctgacaat	gaattgtcgc	ctgagtgctt	1440
ggatggagcc	cagcacttcc	taaaagatga	tgggtgtgagc	atccccgggg	agtacacttc	1500
ctttctggct	cccattctct	cctccaagct	gtacaatgag	gtccgagcct	gtagggagaa	1560
ggaccgtgac	cctgaggccc	agtttgagat	gccttatgtg	gtacggctgc	acaacttcca	1620
ccagctctct	gcaccccagc	cctgtttcac	cttcagccat	cccaacagag	atcctatgat	1680
tgacaacaac	cgctattgca	ccttggaatt	tctgtggag	gtgaacacag	tactacatgg	1740
ctttgcccgc	tacttttgaga	ctgtgcttta	tcaggacatc	actctgagta	tccgtccaga	1800
gactcactct	cctgggatgt	tctcatggtt	tccatcctc	ttccctatta	agcagcccat	1860
aacggtacgt	gaaggccaaa	ccatctgtgt	cgctttctgg	cgatgcagca	attccaagaa	1920
ggtgtggtat	gagtgggctg	tgacagcacc	agtctgttct	gctattcata	acccacagg	1980
ccgctcatat	accattggcc	tctagccctg	cgtgccaaagt	gtccagagcc	ttggaagcag	2040
cttcaggttc	tgtctctgta	gtacagaagg	tgcagtacat	ctatgggctg	tgattcccct	2100
tgcccatcag	agaggagcat	ttcaatctgc	tttctgcct	tacatcaagg	tgggcaagg	2160
attataatta	attgcagggc	tcaagccacc	aatctatgaa	gacctcaggc	cagggggtga	2220
ggaattagtg	ctggatttga	agctacgcac	tcagcctcaa	gaactccctg	gaatatccct	2280
gagaacatgg	ggtttgaacg	gattttcagc	ctttttctgt	tcttggtttg	atgggtttgt	2340
gtaagaggaa	atacaataa	agttatagcc	ctttactgca	cgaaaaaaaa	aa	2392

<210> 7359

<211> 1430  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (36)...(986)  
 <223> similar to gill100182 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7359  
 atctggtaaa gctcccatcc tgccctgacc ctgccatggg caccagcctc ctctgctgga 60  
 tggccctgtg tctcctgggg gcagatcacg cagatactgg agtctcccag aaccccagac 120  
 acaagatcac aaagagggga cagaatgtaa ctttcagggtg tgatccaatt tctgaacaca 180  
 accgccttta ttggtaccga cagaccctgg ggcaggggccc agagtttctg acttacttcc 240  
 agaatgaagc tcaactagaa aaatcaaggc tgctcagtga tccggttctct gcagagaggc 300  
 ctaagggatc tttctccacc ttggagatcc agcgcacaga gcagggggac tccggccatgt 360  
 atctctgtgc cagcaccaaa cggctaggac gggttgagctc ctacaatgag cagtattttg 420  
 gcccaggcac ccggctgaca gtgctcgagg acctgaaaaa cgtgttccca cccgaggtcg 480  
 ctgtgtttga gccatcagaa gcagagatct cccacaccca aaaggccaca ctggtgtgcc 540  
 tggccacagg cttctacccc gaccacgtgg agctgagctg gtgggtgaat gggaaggagg 600  
 tgcacagtgg ggtcagcaca gaccgcagc ccctcaagga gcagcccgcc ctcaatgact 660  
 ccagatactg cctgagcagc cgctgaggg tctcggccac cttctggcag aacccccgca 720  
 accacttccg ctgtcaagtc cagttctacg ggctctcgga gaatgacgag tggaccagg 780  
 atagggccaa acctgtcacc cagatcgtca gcgccaggc ctggggtaga gcagactgtg 840  
 gcttcacctc cgagtcttac cagcaagggg tctgtctgct caccatcctc tatgagatct 900  
 tgctagggaa ggccaccttg tatgccgtgc tggtcagtgc cctcgtgctg atggccatgg 960  
 tcaagagaaa ggattccaga ggctagctcc aaaaccatcc caggtcattc ttcaccccca 1020  
 cccaggattc tctgtacct gctcccaatc tgtgttccta aaagtgattc tcaactctgct 1080  
 tctcatctcc tacttacatg aatacttctc tcttttttct gtttccctga agattgagct 1140  
 cccaaccccc aagtacgaaa taggctaaac caataaaaaa ttgtgtgttg ggccctgggtg 1200  
 catttcagga gtgtctgtgg agttctgctc atcactgacc tatcttctga tttagggaaa 1260  
 gcagcattcc cttggacatc tgaagtgaac gccctctttc tctccaccca atgctgcttt 1320  
 ctctgttca tctgatgga agtcctcaa caccatttcc ataccaggc attctgggtc 1380  
 cccactggag ggtagtctg aagggaatg gctgggcttt ggaaaaccag 1430

<210> 7360  
 <211> 2305  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2154)...(689)  
 <223> similar to gi5052315 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<b>&lt;400&gt;</b>	<b>7360</b>					
tttttttttt	ttctttcaaa	caagacaggc	tttatttaga	tcaccaaaaa	taacatttta	60
cagaaaaggga	accataacat	tacacaacaa	agtatagctg	taaaatctca	aataagaaag	120
gcaatgcttt	cttttagatca	ccaaaaataa	tgtttcacag	agagggaacc	gttagaagca	180
aatgcatagc	tgcaaatttt	cttttgccat	caatatcgat	tccctctaaa	atactttgag	240
actactttgt	ggtttccgag	tacaaactaa	acctttttgg	acagagttgc	tcggcttcat	300
caaaaaaata	aaaccaattt	gcaaaaaaaa	atttgtttaa	tgctaacaaa	taaagagaca	360
atgtggttct	tgctaactaa	ctgcaatgtc	tactgaaatg	gcctaaccta	ttccacgaat	420
atttcactgt	gaacatagtt	gctttttcct	tgccatcaca	gatggcctgc	aaagtaacaa	480
gtgtcgtgtc	agagcacttt	caggcaccca	gggaatcatt	cctaacagaa	taactgcagt	540
atgtgggcaa	ctcaaacaac	agagccccaa	ggtgggcatt	gtgtttgcg	tgtgggtaaa	600
gaccaccac	cttgttagtt	attcacctgg	aaccagagc	gccaaactag	acagagcagt	660
tgctcttaca	gaaccaacaa	cattttaata	aattgcccg	gggttcttgg	tgetgtaatg	720
tgcttcacag	gcagcgacat	aagccgactc	tggaagaag	tcattcgtgt	attctgctaa	780
aaacctcaaa	aagagatcaa	agtgttcaa	taaagcctc	agatttttct	cagaaaagga	840
catctttcca	aggatttctg	gaagtttcac	aaacaatcgc	agcaatgtt	gtgccccata	900
aatgtaagag	ggtggaggcg	gctggtcacc	tggggggtaa	ttgtcaggca	caagcttcca	960
ggagaggact	tcgtttattt	cattagttct	tctcccttca	aagccagcaa	acacagcact	1020
cccttccttg	ctaggagtca	gaggaaatag	tgaagatgat	ctgctatgca	caggtgtctt	1080
cttttccagg	tgcagaaga	gcttgggcat	gctggcggat	gtgtcctgct	gccggcgctt	1140
gggctgaggt	gaagcgctgc	tctcagaaa	cctgtcacag	ttggcactgt	ggcgcgtgga	1200
ccgcctcaga	gactgcaatg	cttctggctc	agctttgcgc	cttttggggg	tggctggttc	1260
accggtggtc	ggctgactct	ctgtggactg	tggcgtggat	ggattcaaca	aaggcggact	1320
gggagagagt	tcctcctggc	tcctgttagt	gcttgaggca	ctttccttaa	ttggaagaaa	1380
aaatttagac	gaagtcacct	ttttatactg	agcttggtca	tatggataga	gtaaaaccaa	1440
cgggagagtg	taatcaaagg	ttattcttaa	tccatccacc	atctccttac	aaaggtcaac	1500
attcttttct	gctgggatat	aatgcacgtt	catgttgcca	tgtggcataa	cgtgatggtg	1560
acgaggcctc	tcattggctg	aaaaggctgc	attgatagca	aatgcttca	cataggattc	1620
caaaatcggt	atgatgttgg	tctggcatgg	aagtttcact	aaccgtttcc	tcctgttaat	1680
gtagtaacaa	tcatcctcca	gctgcttctt	cagaacttca	gggatttcta	tagttattgt	1740
tctttcttcc	atttcccttc	ttgtttgaag	ctctggttct	tctttcactt	cagtcttttc	1800
ttcaatatca	ctttcttcac	ttattttctt	atccttgttt	tcactacagt	cagaggaact	1860
gottaatgag	ttttcatcat	tttcatcttt	ttcttcagt	gggaggcctt	ttaagacaga	1920
gtccacacca	ggcaacctgc	agcgcttctt	ctttcttctt	gtgcctctca	ggcgagctac	1980
agcttttctt	gccaatttac	gctgtaatct	acgattttca	tcggtatcac	gaagcatatg	2040
atcttctgct	gcccactctat	cccagcttct	gttccaacca	ttaaaatgga	tcagatatct	2100
tgggatcttt	ctgccttttt	cgtctttccc	aacaataaca	tcaacaatct	gaaacgaaga	2160
aatatttccc	acaaatggca	gaacatacag	aaaattagaa	gttagatcag	gaaaactaat	2220
tcacagacc	ttttttaaag	aaagcattct	ctcctctttt	agaccgacag	ccgggttgaa	2280
atatttttcc	tttcatcctc	gtgcc				2305

```
<210> 7361
<211> 2425
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (139)...(530)
<223> similar to gi2196870 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

<400> 7361
tttcgtggaa gaggcggcgg cggcggcaga agcggcggcg gcggcggcgg cgggagccga      60
ggaggagggt cccgacgctg cttaggaacc ggggactcag gaggcccg cccctgagcg      120
ctcagctcca gaggcgtcat ggctgagtag gggaccctcc tgcaagacct gaccaacaac      180
atcacccctt aagatctaga acagctcaag tcggcctgca aggaagacat ccccagcgaa      240
aagagtgagg agatcactac tggcagtgcc tggtttagct tcctggagag ccacaacaag      300
ctggacaaaag acaacctctc ctacattgag cacatctttg agatctcccg ccgtcctgac      360
ctactcacta tggtggttga ctacagaacc cgtgtgctga agatctctga ggaggatgag      420
ctggacacca agctaaccgg tatccccagt gccaaagaag acaaagacat tatccggcag      480
ccctctgagg aagagatcat caaattggct cccccaccga agaaggcctg agcaaggggg      540
aggaagagga ggaagggttg accttcatca gacctacc ttccccatc ctccaggaga      600
gggggcaagg gcaaccacc atctaccac ttactaacct ggtcctaacc cccttactgt      660
gcgcgtgtgt gtgcgtgtgc gcacgctctg gctgtttgtc tatatgtcta gctcatctag      720
ttcctcttct taaggggatg ggggtcagg gctaggggag ggggctgagt ttccccactt      780
taggaggagg tgggggctat ttctatgcaa atagaaatca gcacattcct cctacttccc      840
ttcctccac tccccccata tctttaaagt gtggaagcag aaaggacctg cattttccta      900
cattgaggag ctgacatagg ggtaaggtag gggagaggta ggtggatcca gggaaaagca      960
gtggggacgg aaggcaaaga gacctcaa cccccacctg gaaggggcaa agaaaagcca      1020
gagttccatg tttgtactcc tgtgctggac tgtttcctga gtaccagcag gtcccttttt      1080
gtctctcatg ggcctagcat aggtatgagc cagggatcct ttcttggtcc ctaagatcaa      1140
accccatgga gcagccagcg ttagatgccc ccacccacct gtactctgga gagagtgtgc      1200
tgggaacatg taccactgag cctgagatgg ggatgagggc agagagaggg gagccccctc      1260
ttccactcag ttgttcctac tcagactgtt gcactctaaa cctagggagg ttgaagaatg      1320
agacccttag gttttaacac gaatcctgac accaccatct ataggggtccc aacttggtta      1380
ttgtaggcaa ccttccctct ctcttgggtg aagaacatcc caagccagaa agaagttaac      1440
tacagtgttt tcctttgcac cgatccccac cccaattcaa tcccggaagg gacttactta      1500
ggaaaccctt ctttactaga tatcctggcc ccctgggctt gtgaacacct cctagccaca      1560
tcactacagt acagtgagtg accccagcct cctgcctacc ccaagatgcc cctccccacc      1620
ctgaccgtgc taactgtgtg tacatatata ttctacatat atgtatatta aaactgcact      1680
gccatgtctg cctttttttg tgggtgtctag cattaactta ttgtctaggc cagagcgggg      1740
gtgggagggg aatgccacag tgaagggagt ggcagaatca aattgctaca tagtccaaac      1800
aaaaaagaag gctttttcaa aaaacattaa attcacatgc agtctcagag actattttaga      1860
caaagttcaa gttaggagct tttaggatgt gggagtaaaa ctttaatggg aggggagggc      1920
tggctgctgg aagaaggaag aagccagact ggtagacag tactcttaac tcctagccca      1980
gcctagcgtg ccctgcccct ctggccactg ctgcagacac ctgccctaac acacacacct      2040
ctaggactcc acagttttgc cttaaaggac cttcccaagt ctccctttcc ctgtctggct      2100
tctcccttaa gaagagagag atacttgtag aattgggtgg ggggaatgag catgaactgt      2160
ccttccattt gggatatgtt acattagagt gagagagaga ataaggagcc tttcttatgg      2220
aagaaatggg agaagagaga cagggttctt ttcagcagag tctagtagtt tctctgtaag      2280
gcaaaataat ctaaaaagac taacctgcc accactcct tatattgctg tgagattgcc      2340
cctatcttgt gctcttctgt ctgcagtgtg cacggccttg ttctaaccgg gaataaaggt      2400
gattgattgt attgcaaaaa aaaaaa      2425

```

```

<210> 7362
<211> 791
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (28)...(408)

```



<223> similar to gi3255999 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7362

aacagtgttc	taactattaa	cgctacgatg	cctgaacct	ccaagtctgc	tctgcccc	60
aagaagggt	ccaagaagg	ggtgactaag	gctcagaaga	aggacgggaa	gaagcgcaag	120
cgagccgca	aggagagcta	ttcagtgtat	gtgtacaagg	tgctgaagca	ggtccatccc	180
gacaccggca	tctcttccaa	ggcaatgggg	atcatgaatt	ccttcgtcaa	cgacatcttc	240
gagcgcatcg	caggcgaggc	ttcccgcctg	gcgcattaca	acaagcgctc	gaccatcacc	300
tccagggaga	tccagacggc	cgtgcgcctg	ctgcttcggg	gggagctggc	caagcacgcc	360
gtgtcggagg	gcaccaaggc	cgtcaccaag	tacaccagtt	ccaagtaact	ttgccaaggg	420
agagacatga	agacagagga	gaaatgaatg	cataaaataa	ctgacaatat	gaatctatac	480
atagaactta	ggaagtctca	tctgcctgaa	aatgactgtg	tggtatccac	ccaaatccaa	540
ctcatcctgg	tttgctgcac	actggttcat	caaaagaagg	ttaccgaggg	gaaggaacta	600
aaggtgtttg	cacttcatgt	tactttttga	gtttataaac	ataaaaacca	gaatttacty	660
tctgttacag	acctagttac	tggaatttca	ttacttgcca	tggtactacct	ttgctaagaa	720
aagtctgaat	gagaagatgg	caggacgtct	gaaaaaaaaa	gttataatta	ataaaatctg	780
cggaattt	t					791

<210> 7363

<211> 2352

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2353)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (173)...(1928)

<223> similar to gil83002 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7363

aaagggtgct	taacttctaa	ttatttgatc	actgaggaaa	atccagaaa	ctacacaaca	60
ctgaaggggt	gaaataaaag	tccagcgatc	cagcgaaaaga	aaagagaagt	gacagaaaca	120
actttacctg	gactgaagat	aaaagcacag	acaagagaac	aatgccctgg	acatggctcc	180
agagatccac	atgacaggcc	caatgtgcct	cattgagaac	actaatgggg	aactgggtggc	240
gaatccagaa	gctctgaaaa	tcctgtctgc	cattacacag	cctgtggtgg	tggtggcaat	300
tgtgggcctc	taccgcacag	gaaaatccta	cctgatgaac	aagctagctg	ggaagaataa	360
gggcttctct	ctgggctcca	cagtgaatc	tcacacccaa	ggaatctgga	tgtggtgtgt	420
gcctcacccc	aaaaagccag	aacacacctt	agtcctgctt	gacactgagg	gcctggggaga	480
tgtaaaaga	ggtgacaacc	agaatgactc	ctggatcttc	accctggccg	tcctcctgag	540
cagcactctc	gtgtacaata	gcatgggaac	catcaaccag	caggctatgg	accaactgta	600
ctatgtgaca	gagctgacac	atcgaatccg	atcaaaatcc	tcacctgatg	agaatgagaa	660

001210 5228460

tgaggattca	gctgactttg	tgagcttctt	cccagatttt	gtgtggacac	tgagagattt	720
ctccctggac	ttggaagcag	atggacaacc	cctcacacca	gatgagtacc	tgaggtattc	780
cctgaagcta	acgcaaggta	ccagtcaaaa	agataaaaaat	tttaatctgc	cccgactctg	840
tatccggaag	ttcttcccaa	agaaaaaatg	ttttgtcttc	gatctgcca	ttcaccgcag	900
gaagcttgcc	cagcttgaga	aactacaaga	tgaagagctg	gaccctgaat	ttgtgcaaca	960
agtagcagac	ttctgttcct	acatctttag	caattccaaa	actaaaactc	tttcaggagg	1020
catcaaggtc	aatgggcctc	gtctagagag	cctagtgtctg	acctatatca	atgctatcag	1080
cagaggggat	ctgccctgca	tgagagaacgc	agtcctggcc	ttggcccaga	tagagaactc	1140
agccgcagtg	caaaaggcta	ttgcccacta	tgaccagcag	atgggccaga	aggtgcagct	1200
gcccgcagaa	accctccagg	agctgctgga	cctgcacagg	gttagtgaga	gggaggccac	1260
tgaagtctat	atgaagaact	ctttcaagga	tgtggaccat	ctgtttcaaa	agaaattagc	1320
ggcccagcta	gacaaaaagc	gggatgactt	ttgtaaacag	aatcaagaag	catcatcaga	1380
tcgttgctca	gctttacttc	aggtcatttt	cagtcctcta	gaagaagaag	tgaaggcggg	1440
aattttattcg	aaaccagggg	gctattgtct	ctttatttcag	aagctacaag	acctggagaa	1500
aaagtactat	gaggaacca	ggaaggggat	acaggctgaa	gagattctgc	agacatactt	1560
gaaatccaag	gagtctgtga	ccgatgcaat	tctacagaca	gaccagattc	tcacagaaaa	1620
ggaaaaggag	attgaagtgg	aatgtgtaaa	agctgaatct	gcacaggctt	cagcaaaaat	1680
ggtggaggaa	atgcaaataa	agtatcagca	gatgatggaa	gagaaagaga	agagttatca	1740
agaacatgtg	aaacaattga	ctgagaagat	ggagagggag	agggcccagt	tgctggaaga	1800
gcaagagaag	accctcacta	gtaaaacttca	ggaacaggcc	cgagtactaa	aggagagatg	1860
ccaaggtgaa	agtacccaac	ttcaaaaatga	gatacaaaaag	ctacagaaga	ccctgaaaaa	1920
aaaaaccaag	agatatatgt	cgcataagct	aaagatctaa	acaacagagc	ttttctgtca	1980
tcctaacca	aggcataact	gaaacaattt	tagaatttgg	aacaagtgtc	actatatattg	2040
ataataatta	gatcttgc	cataacacta	aaagtttaca	agaacatgca	gttcaatgat	2100
caaaatcatg	ttttttcctt	aaaaagattg	taaattgtgc	aacaaagatg	catttacctc	2160
tgtaccaaca	gaggagggat	catgagttgc	cgccactcag	aagttttattc	ttccagacga	2220
ccagtggata	ctaaggaaag	tcttaggtaa	aaatcttggg	acatatttgg	gactgggtt	2280
ggccaagtgt	acaatgggtc	ccaatatcaa	aaacaaccat	cctagcttcc	tagggaagac	2340
agngtacagt	tc					2352

<210> 7364

<211> 5078

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (57)...(2603)

<223> similar to gi3327114 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7364

cgggctcgacc	cacgcgtccg	gatgaaccta	aacattttaa	atgtgaaatg	aaaggaggaa	60
aaacagtaca	gatgggccaa	gagcttcaag	gagaagtagt	tataataatt	acggatcagt	120
acggaaatca	gattcaagca	ttttcaccaa	gttctttatc	ttctttgtca	attgctgggg	180
ttggacttga	tagctcaa	ttgaaaacaa	cctttcagga	aaacacacag	agtataagt	240
taagaggcat	caaatttatt	ccaggtctc	ctggaaataa	ggatctttgt	tttacttggc	300
gtgagttttc	tgactttatt	cgagtgaac	taatttctgg	acctcctgct	aaacttctcc	360
ttatagactg	gccagaacta	aaggagtcca	ttccagtgat	taatggaaga	gatttacaga	420
accctattat	tgttcaactt	tgtgatcagt	gggataatcc	agcaccggta	caacatgtta	480

aaataagtct	tacaaaagct	agcaatttaa	agctcatgcc	ttcaaaccac	cagcataaaa	540
cagatgagaa	aggcagggct	aatttgggag	tattcagtg	ttttgcccct	aggggagagc	600
atactcttca	ggttaaagcc	atctataaca	aaagtatcat	agaaggacct	ataattaagt	660
taatgattct	tccagaccca	gaaaaacccg	ttcgtctcaa	tgttaaata	gacaaagatg	720
catccttctt	agcagggggt	cttttctactg	attttatgat	tagtggttatt	tctgaagatg	780
acagtatcat	taaaaacatt	aatccagcac	gtattttccat	gaaaatgtgg	aagctgtcta	840
ccagtgggaa	ccgaccccca	gcaaatgcag	aaacatttag	ttgtaataaa	ataaaagata	900
atgacaaaga	agatggctgc	ttctattttca	gggataaagt	aatttccta	aaagtgggga	960
catattgtat	ccagtttggt	tttatgatgg	ataaaacaaa	tattctcaac	agtgaacagg	1020
ttatagttga	agtcctgcct	aatcaacctg	tgaagttagt	acctaaaatt	aaaccaccta	1080
caccagctgt	ttcaaatggt	cgctcagttg	ccagtaggac	cttggtcaga	gatctacatc	1140
ttagtatcac	ggatgactac	gacaaccata	ctggaattga	tttggttggc	actataatag	1200
ccaccattaa	aggctcta	gaggaagata	ctgatacccc	actttttatt	gggaaagtta	1260
gaacacttga	attcccttc	gtgaatgggt	cggctgaaat	catgagtctg	gtgctggcag	1320
aaagtagtcc	tggaaaggat	agtactgaat	attttattgt	atgtgagccc	cggctaccac	1380
ttttatcaag	aaccttagaa	ccatatatcc	taccgttcat	gttttacaat	gatgttaaga	1440
agcagcaaca	aatggcagca	cttacaacaa	aaaaggacca	attatctcag	tctattgtta	1500
tgtataaaa	tttatttgaa	gccagccaac	agcttcttaa	tgaatgaaa	tgtcaagttg	1560
aagaagcaag	attaaaagag	gccaatttgc	gaaatgaact	aaaaatacat	aatattgaca	1620
ttcctacaac	acaacaggtg	ccacacattg	aagcacttct	gaaaagaaag	ctatcagaac	1680
aagaagaact	gaagaaaaaa	cctagaagat	cgtgtactct	tccaaactat	actaaaggca	1740
gtggagatgt	tttgggaaag	attgcacatc	tagcacaat	tgaagatgat	agagctgcga	1800
tggttatttc	ttggcatctg	gcaagtgaca	tggactgtgt	agtcacccta	accactgacg	1860
ctgcacgtcg	tatctatgat	gaaacccaag	gtcgtcagca	ggtgttgccc	cttgattcta	1920
tttacaagaa	gactcttcca	gatttgaaaa	gatctctacc	tcatttccga	aatggaaaat	1980
tgtattttta	accatttgga	gatccagctc	ttgctcgaga	cttgtaaca	tttccagata	2040
atgtagaaca	ttgtgaaaca	gtatttggt	tgtgttagg	agacaccatt	attttggata	2100
atctggatgc	ggccaatcat	tatagaaaag	aggttggtta	aattacacac	tgtcctacac	2160
tgtgaccag	agatggagat	cgaattcgaa	gtaatggaaa	gtttgggggc	cttcagaata	2220
aagctcctcc	aatggataaa	cttcggggaa	tggattttgg	agctccagtt	ccaaaacagt	2280
gtctgatctt	aggggaacaa	atagatcttc	ttcagcagta	tcgttctgct	gtgtgcaaac	2340
tagacagtgt	gaataaggat	cttaacagtc	aattagagta	ccttcgcact	ccggatatga	2400
ggaagaaaaa	gcaagaactt	gatgaacatg	agaaaaatct	caaactaata	gaggaaaaac	2460
taggtatgac	tcccatacgt	aagtgtaatg	actcattgctg	tcattcacca	aagggttgaga	2520
cgacagattg	tccagttcct	cctaaaagaa	tgagacgaga	agctacaaga	caaaaatagga	2580
ttataaccaa	aacagatgta	tgagagggtga	cagagagaag	aggccattgg	tctcagtaag	2640
aatgccctgc	tttctgcctc	tctgtttcag	aagaccaaga	gggtgactta	ccagactgag	2700
tattttctggg	gacaatacaa	gtacctgggc	atgaatttcc	atttcgattc	agatgggact	2760
ggaacaaccc	attcaatttt	atgaattctta	ctggacatta	tggatttact	ggaattattc	2820
cagacattat	gocctttggg	tgtcactacc	tgtcaaatgt	gtaagaggaa	aatgtgctaa	2880
tgtggcagtg	actgtaaaac	tggcacatgg	cattttattaa	tcctgaagaa	aagtacatgt	2940
actatttttc	agtataaata	taatgaacat	gtcagaacta	tttcttgaaa	acctttttat	3000
tacttttgcg	tgaattttatt	taacaaagat	gttttgtctt	ttgtgtaagg	gaggttctag	3060
aggctagatg	tttaattgta	aatatgtgag	gaaactcaat	gcagaattca	ggataaaaaat	3120
tttaaaagca	caggtatttg	ggaattgaaa	tgttaagata	cccagaacaa	cattaaatca	3180
atgagtgaac	ttgtgacagt	ggtagcattt	caaatttcaa	aagacttatc	ctgtgtgtgt	3240
gtgtgtgtgt	atatatatat	atatatatat	aaatatatat	atataaaata	ttcagcagca	3300
ccaagtttta	taactattgt	ttgtttgact	ttaatataata	ctagaatatg	tagtctcaag	3360
ccttaatttt	acattttacat	tattttgtaa	ttttttatta	ctatttttta	gggtttaaag	3420
agaacataca	ttctcacatt	agtgtacttt	ctggtagaaa	gttgctgcaa	aaacatttga	3480
aatgtatatt	aacctaatgt	atgtcatata	tatgtctttg	tgtgaagttca	agactattga	3540
tctgtgaagt	tattttgtaa	ggacatacat	ttggtaagta	agtttgtgtc	ccaggaaatg	3600
tatgtgtttt	taaacctttt	ctaaaatattg	aggccattaa	taaaataagat	tgtttcttcc	3660
ctactgaata	gataagtgtt	tttctttttt	aaaattggaa	gcttcataaa	agttatcttg	3720
ttaaaaaacg	atgatgatgt	taacctatct	ttataattgg	aaattattta	aactgtttgt	3780
tgttacagaa	gaaacaaaat	ggtaattaca	gaattagctg	tggggaagat	tggctcccat	3840
ggtactacag	gttgagtatc	ccttattcaa	aatggttggg	acctgaagtg	ttttggattt	3900

```

tggttttttg tgggggtttt aaattattat tttggaatat ttgcattata tttaccaatt 3960
tagcatccct aatccaaaaa tctttcatta gaaattggaa atgcttcaat gagcatttcc 4020
cttatgtgtc atatctgctc tcaaatgttt tgaattttgg aacatttctt gtttctgact 4080
tttagattag ggatactcac cccgtaccaa tatttgaggt ccttagacat tagattatat 4140
gaaaatgatt gattgatagg taagaaaggt taaagagaaa taacttttta ggaactagac 4200
ttgaacgtat aattaatatg tggaactagt ttgcttttat aattcattgt atcaagaagg 4260
agtcatgttt taaatccaag gcattgagac tatctagaag caaaaaagtt ggttttaaaa 4320
attcttttta ttagaagtgt gtttaaaaac atgtcttttt ttcccttgag cgacagtggc 4380
ctcactacat tgcccaggct agtcttgaac tcctgggttc aagcagtctt cctgccttgg 4440
cctcctaagt agcagggatt acaggcatgc acccacatgc caatttttat tgcttaaaat 4500
ggcgagttct atggatatta tctagcccca agcccatatc tgtacacttt tgttcatttt 4560
ataataccag aaagaatgtt ctatcagtaa aagaagggtt taagtatgaa tctccatttt 4620
tgtggagttt ttctaccctg taaaaattaa ctttgtgggt cccagtaatt acagtaagga 4680
gtttttctat attttcacag ttggatttat ctaaggatat ttctcagcat attaaggaat 4740
ccttttctac atttgagcaa atactgaggt tcatgttgta ccaaataata ataaattgct 4800
tttgtgttta atatgtaaca cgtaagaaca attgaaattt tcttctaaga tttaatacta 4860
gtcttttagt ataaaggaat gtaactggag aaaaaaatta atgctacagc ccatttatcc 4920
tgtgttatgt gttatataat ctgaaatttg tcacaatgtt acaatcagga agtttttttt 4980
ctgggtttct cttccaaagg aaaataatag cctacttgta tatttgaagt aactgaaata 5040
aaactctcta cgagcacttt ttgcataaaa aaaaaaaa 5078

```

<210> 7365

<211> 1803

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (333)...(1422)

<223> similar to gil314316 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7365

```

accctccaa atctcatgtt gaaatttaat cctcagtgtt ggaggtaggg cctaattggg 60
ggtgtttggg tcatgggggc agaccctca tgaatagatt aatgtcctcc ctggagagtg 120
agagtgaact agttctcact ctgttctttc ctgagaaagc tgattgttaa aaagatcctg 180
gcatctccct tctctctctt acttctctc tcaccatgtg atctctgcat aactggctc 240
cccttctcct tctgccatga gtggaagcag cctgaggtct tcatcagaag cagatgctgg 300
tgccatgctt cttgtacagt ctgcagaacc ggaaaccatc tttgtatggc agcctgactt 360
gtcaaggaat tggcctagat ggcacccag aggttacagc ttcagaagga tttactgtga 420
atgaaataaa caagaaaagc attcatatth catgtccaaa ggaaaatgca tcttctaagt 480
ttttggcacc atatactact ttttcagaa ttcatacaaa gagtataaca tgcttgaca 540
tttccagcag aggaggtctt ggtgtgtctt ctagtactga cgggaccatg aaaatctggc 600
aggcttcaa tggagaactc aggagagtat tggaaaggaca tgtgtttgat gtgaattgtt 660
gcaggttttt cccatcaggc cttgtggtcc tgagtggggg aatggatgcc cagctgaaga 720
tatggtcagc tgaagatgct agctgcgtgg tgacctcaa aggtcacaaa ggaggtatcc 780
tggtacagc catcgttgat cgggggagga atgtggtgtc tgcttctcga gatgggacag 840
cacgactttg ggattgtggg cgtcagcct gcttgggagt ccttgagat tgtggtctt 900
ctatcaatgg agtggcggtg ggtgctgctg acaactccat aaaccttggc tccctgagc 960
agatgccag tgaacgggag gttggaacag aggccaaaat gctgctcttg gcccggaag 1020

```



```

ccgaggggca ctgagctcac tgaccctctt tccctcggga gtgaagatat ttttcagcca 1140
ttcatatgtc atgaaataca ttccactagc tgggacatct cgcataaggg taagcacagt 1200
ccctttgtag atgcctcggg tcccaaactc ctggtacagc ttctttgcac agtccaaggt 1260
accagtgtac ttgctttctc ctgaagaagc ctgaatctgt aataagcact tgatccgttc 1320
tccaggagtc atgattcctg tgggtgaatac gccagataac atcccagctg caaaaagctg 1380
gggatatgctg agcacatctt ctgggtgttt ctgttgtagt ttcttcccca aaccaaacc 1440
aaagaagcac acggcaaaca tgggagtgac cccgatgata ggggcagcca ttccccgata 1500
tagccccgtg atgccctctc taaaaagagt cttccggaaa cagtcaaagg tcccagagta 1560
catgggaggt tgtccaggca aactcgggtg ctgtgtctgc agtcggacct tgaccgtgtc 1620
cagaggggtga ccgacgaaca ccaggcacac gccgccaaag ccgccggcca gcaggttctt 1680
gagcgggctg atgggttttg gctggtcggc catggtcagt ccgtctgtca ctccgtctgt 1740
cagttctcgg gccgtcctgg cttctcagcc ccagctgcag tgccggcgcc gcggctcgtg 1800
ccgangtcnn tcaagcgtca atnccccacc t 1831

```

```

<210> 7367
<211> 733
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (87)...(433)
<223> similar to gi2213577 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7367
ccaccaacca aggccaagga gaccagagcc cagcacctca cccagaggac cccagtcaga 60
ggccccatct cagacccgag gctagcatgg gctgcaggct gctctgctgt gcggttctct 120
gtctcctggg agcgggtccc atggaaacgg gagttacgca gacaccaaga cacctgggtca 180
tgggaatgac aaataagaag tctttgaaat gtgaacaaca tctgggtcat aacgctatgt 240
attggtacaa gcaaagtgtc aagaagccac tggagctcat gtttgtctac agtcttgaag 300
aacgggttga aaacaacagt gtgccaagtc gcttctcacc tgaatgcccc aacagctctc 360
acttattcct tcacctacac accctgcagc cagaagactc ggccctgtat ctctgcgcca 420
gcagccaaga cacagccttg cagagtcacc gctttcctgt gcagaaacct taggggccct 480
ccaggaagct gtggggggcca ccaaacgctt cgggtgaacat ttcttgcaag agccccgaca 540
gaagattcag aacatcatag cacctgctca ttcattccatg tggcaacgtt acatcctatg 600
ctcatattta gagtgtgggt tttcttttagc gtgtgactct gccctgttaa ctgatttgaa 660
aaatgataaa cacattcaga tctagtcttt ttaaaatccc tttttaaat gtaaaataaa 720
gcaagcatgc tat 733

```

```

<210> 7368
<211> 827
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (1)...(828)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (66)...(410)  
 <223> similar to gi4756904 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7368  
 cgctgggaat gatgaagaag aacaattccg ccaagcgggg acctcaagat ggaaaccagc 60  
 agcctgcacc gcccgagaag gtcggctggg tccggaaatt ctgcgggaaa gggattttca 120  
 gggagatttg gaaaaaccgc tatgtggtgc tgaaagggga ccagctctac atctctgaga 180  
 aggaggtaaa agatgagaaa aatattcaag aggtatttga cctgagtgac tatgagaagt 240  
 gtgaagagct ccggaagtcc aagagcagga gcaagaaaaa tcatagcaag tttactcttg 300  
 cccactccaa acagcccggg aacacggcac ccaacctgat ctctctggca gtgagtccag 360  
 aagagaagga atcgtggatc aatgccctca actctgccat caccggagcc aagaaccgta 420  
 tcttgatga ggtcaccgtt gaggaggaca gctatcttgc ccatcccact cgagacaggg 480  
 caaaaatcca gcaactccgc cgcccccaa caaggggaca cctaattggt gtggcttcca 540  
 cctctacctc ggatgggatg ctgaccttgg acttgatcca agaggaagac ctttcccctg 600  
 aggaaccaac ctctttgtgc tgagagcttt cgggttgacc tggacaagtc tgtggcccag 660  
 ctggcaggga gccggcggag agcggactca gaccgcatcc agccctccgc agaccgggca 720  
 ancagtcttt ccgaccttgg gaaaaaacag acaaaggggc actacacccc caggcaccaa 780  
 gaagttgacg ccacagagaa aggcgctggc tccttgaggg agatcta 827

<210> 7369  
 <211> 1803  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (916)...(1369)  
 <223> similar to gil613852 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7369  
 ttaggatgga gttgtttgct tgttgcaatt ggagctcttt atgaagcaag ggctctgcct 60  
 cccagcctga gaccataacc ctggtttgga cccagtagaa ctcttgaggg ccctgggttg 120  
 gtgtctctga gcaaatcccc aaagcaggag agtccctagc accgtgagct ctgtcagaac 180  
 ctcccagctg gcctttcttc tgccctcatt gacaaccctc tgaccctctt gctgagcata 240  
 gacacatatg tgatgttaca ggagccagtg acctccagg atgtggctgt ggacttcagc 300  
 cgggaggagt gggggctgct gggcccgaca cagaggaccg agtaccgcca tgtgatgctg 360  
 gagacctttg ggcacctggg ctctgtgggg tgggagacta cactggaaaa taaagagtta 420  
 gctccaaatt ctgacattcc tgaggaagaa ccagcccca gcctgaaagt acaagaatcc 480  
 tcaagggatt gtgccttgtc ctctacatta gaagatacct tgcagggtgg ggtccaggaa 540

00400725 043400

```

gtccaagaca cagtgttgaa gcagatggag tctgctcagg aaaaagacct tcctcagaag 600
aagcactttg acaaccgtga gtcccaggca aacagtgggtg ctcttgacac aaaccaagtt 660
tcgctccaga aaattgacaa ccctgagtc caggcaaaca gtggcgctct tgacacaaac 720
caagttttgc tccacaaaat tctcctaga aaacgattgc gcaaacgtga ctcacaagtt 780
aaaagtatga aacataattc acgtgtaaaa attcatcaga agagctgtga aaggcaaaaag 840
gccaaggaag gcaatggttg taggaaaacc ttcagtcgga gtactaaaca gattacgttt 900
ataagaattc acaaggggag ccaagtttgc cgatgcagtg aatgtggtaa aatattccgg 960
aaccgaagat acttttctgt gcataagaaa atccataccg gagagaggcc ctatgtgtgt 1020
caagactgtg ggaaaggatt tgttcagagc tcttccctca cacagcatca gagagtcat 1080
tctggagaga gaccatttga atgtcaggag tgtgggagga ccttcaatga tcgctcagcc 1140
atctcccagc acctgaggac tcacactggc gctaagccct acaagtgtca ggactgtgga 1200
aaagccttcc gccagagctc ccacctcatc agacatcaga ggactcacac cggggagcgc 1260
ccatatgcat gcaacaaatg tggaaaggcc ttcaccaga gctcacacct tattgggcac 1320
cagagaacct acaataggac aaagcgaaag aagaaacagc ctacctata gctctcaagc 1380
cagttgaaga aaccttgcct tttcagcttg accctgcaat ataacatgca caggcctgct 1440
tgtgaactag gactgaatgt gaaaggggag tattgagtga ggacattccc aaaaccaaag 1500
gacaactgag gagactgccc agcacataat gaataaataa gaaaatgagt gaggaggtta 1560
ttaacatcat ttgaaaaaaa agatttcccc attcacttga tattgtttgt tccccccctt 1620
agtcccttaa aagtgggatt aataaaaatct gaaaatgtta tataataact ttaaaaagcc 1680
aggtaattaa taatctgcac tgatattaca tccacagtac cacagtattt atgtgtatga 1740
attaaggatt aaaagataat gtggataaat aaactattga tctatgtctg tgtaaaaaaa 1800
aaa 1803

```

```

<210> 7370
<211> 3529
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (415)...(1937)
<223> similar to gi34536 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7370
gaattttctg caaggatcat atctaagtgc acttttttgc gatacttcat ttctagacat 60
tgagtctcac tctaccccc aggctgaagt gcagtgggtg gatctcggtt cactgcaacc 120
tcgcctcca ggttcaagtg attctcgtac ctcagcctcc cgagttagctg ggattacagg 180
cgctgccac catgcctggc tgatatttat atttttagta gagatggagt ttcacatgt 240
tggccaggct ggtctcgaac tctggacctc agatcttgta gaaaatttca gctgtagccc 300
ttggactaga agctgaaata acagaagctg tgtacgatgc attaggggtat tgaagaaaat 360
taacttttga attaaatatt tggaatataa ggaaataagg aaagttgact gaaaatgggg 420
cggaagaaaa tacaaatcac acgcataatg gatgaaagga accgacaggt cacttttaca 480
aagagaaagt ttggattaat gaagaaagcc tatgaactta gtgtgctctg tgactgtgaa 540
atagcactca tcattttcaa cagctctaac aaactgtttc aatatgctag cactgatatg 600
gacaaagttc ttctcaagta tacagaatat aatgaacctc atgaaagcag aaccaactcg 660
gatattgttg aggctctgaa caagaaggaa cacagagggg gcgacagccc agaccctgat 720
acttcatatg tgctaactcc acatacagaa gaaaaatata aaaaaattaa tgaggaaatt 780
gataatatga tgcggaatca taaaatcgca cctggtctgc cacctcagaa cttttcaatg 840
tctgtcacag ttccagtgc cagccccaat gctttgtcct acactaacc agggagttca 900

```



ctggtgtccc	catcttttggc	agccagctca	acgttaacag	attcaagcat	gctctctcca	960
cctcaaacca	cattacatag	aaatgtgtct	cctggagctc	ctcagagacc	accaagtact	1020
ggcaatgcag	gtgggatggt	gagcactaca	gacctcacag	tgccaaatgg	agctggaagc	1080
agtccagtgg	ggaatggatt	tgtaaactca	agagcttctc	caaatttgat	tgagagctact	1140
ggtgcaaata	gcttaggcaa	agtcattgct	acaaagtctc	cccctccacc	aggtgggtgg	1200
aatcttggaa	tgaacagtag	gaaaccagat	cttcgagttg	tcatccccc	ttcaagcaag	1260
ggcatgatgc	ctccactatc	ggaggaagag	gaattggagt	tgaataccca	aaggatcagt	1320
agttctcaag	ccactcaacc	tcttgctacc	ccagtcgtgt	ctgtgacaac	cccaagcttg	1380
cctccgcaag	gacttggtga	ctcagcaatg	ccgactgcct	acaacactga	ttattcactg	1440
accagcgctg	acctgtcagc	ccttcaaggc	ttcaactcgc	caggaatgct	gtcgctggga	1500
cagggtgtcg	cctggcagca	gcaccaccta	ggacaagcag	ccctcagctc	tcttggtgct	1560
ggagggcagt	tatctcaggg	ttccaattta	tccattaata	ccaacaaaa	catcagcatc	1620
aagtccgaac	cgatttcacc	tcctcgggat	cgtatgacct	catcgggctt	ccagcagcag	1680
cagcagcagc	agcagcagca	gcagccgcgc	ccaccacgcg	agccccagcc	acaacccccg	1740
cagccccagc	cccagacagga	aatgggtcgc	tccccgtgtg	acagtctgag	cagctctagt	1800
agctcctatg	atggcagtag	tcgggaggat	ccacggggcg	acttccattc	tccaattgtg	1860
cttggccgac	ccccaaacac	tgaggacaga	gaaagccctt	ctgtaaagcg	aatgaggatg	1920
gacgcgtggg	tgacctaaag	cttccaagct	gatgtttgta	cttttgtgtt	actgcagtga	1980
cctgccctac	atatctaaat	cgttaaataa	ggacatgagt	taaatatatt	tatatgtaca	2040
tacatatata	tatcccttta	catatatatg	tatgtgggtg	tgagtgtgtg	tgtatgtgtg	2100
ggtgtgtgtt	acatacacag	aatcaggcac	ttacctgcaa	actccttgta	ggtctgcaga	2160
tgtgtgtccc	atggcagaca	aagcaccctg	taggcacaga	ccaagtctgg	gcacttcctt	2220
ggactacttg	tttcgtaaag	ataaccagtt	tttgcacaga	aacgtgtacc	cgatatataa	2280
ttctcccaca	ctagcttgca	gaaacctaga	gggcccccta	cttggtttat	ttaactgtgc	2340
agtgactgta	gttacttaag	agaaaatgct	ttgtagaaca	gagcagtaga	aaagcaggaa	2400
ccaagaaagc	aatactgtac	ataaaatgtc	atttatattt	tccaacctgg	catgggtgtc	2460
tgttgcaaaag	gggtgcatgg	gaaagggctg	ttgatattaa	aaacaaacaa	aacaaaaaag	2520
ccccacacat	aactgttttg	cacgtgcaaa	aatgtattgg	gtcaagaagt	gatcttttagc	2580
taataaaagaa	agagaataga	aaacacgcac	gagatattca	gaaaataacta	gcctagaaat	2640
atagagcatt	aacaaagtaa	aattaatata	ttaagttata	attggaatat	gtcagaagtt	2700
tcttttttaca	ttcatatctt	aaaaatttaa	gaaactgatt	ttagctcatg	tatattttat	2760
atgaaagaaa	acacccttat	gaattgatga	ctatatataa	aattatattc	actacttttg	2820
aacacattct	gctatgaatt	atttatataa	gccaaagcta	tatgttgtaa	ctttttttta	2880
gagaatagct	ttatcttggg	ttaactcttt	agttttatct	taagagggga	aaacaaaaat	2940
atcttgcaag	cagaaccttg	gaaaaaaaa	gccatgaaca	cttattctaa	atgtaaatta	3000
aaagttgagc	caaactcttt	gtgtatatag	catcttaaat	atattatcac	ctttgatgta	3060
agtacctatg	tattgtatgg	tcaccagatt	aaaaagtata	tttttgtgga	ttgccgccaa	3120
tctgggggga	aaaggcgagg	tcctttatta	agtattcact	gtttaatatt	tactattttg	3180
ttaaatatac	tgtacttttg	attttaatta	ttagcccagt	tttttcagag	gattgtataa	3240
aggggtttct	ccoctcactg	gtggtgaatg	tgtgatgtta	cattgtaatc	tttgtgctgt	3300
atggggttgag	catcattata	tattttgtat	gtgtacataa	atagcaaagt	ggcaaaaaaa	3360
attggggggt	aagtccaacc	cgaataagaa	taaaatgtgt	tgtaacagat	tttataaggc	3420
attattttaac	acttgccctt	tgtgaggaaa	actgtagtag	aacagctgac	ctaatttaac	3480
taatatcgga	acatggcaaa	tagtagatga	gcacaagggt	tctaagggg		3520

<210> 7371  
 <211> 2856  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2788)...(1579)

<223> similar to gi5101766 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7371
tttttttttt ttcattgctaa atttttatatt caatgttatg caactacatt agtattttaca    60
ttttttttaac gtatgcagtt tacacactca ttatttaaaca aaattggaat gcaaacaat    120
atacaaatat cataagcatt atcaaatataa ataactggca ctatgtttat aagcatatta    180
atggacctgg tagggaaaag tgatggaaga agactgcagc ccatggcatt tttcttttta    240
ccaaaagaaa acgctcagta gcaccataat ggtaatactt aaaagaaata cataagatag    300
aacatttttaa ctgctatcat tgagggttaac ctgctttttat ttaagtgaat tatacaggaa    360
attaacagta caggcagtat tttggccaac ttctgcttat gtcagctgaa cattgtccat    420
aaacaaaagc aaaagaaaat aatgctaata atacatggac cttttgtact tgggtacaagt    480
tctgcaccgt gctttgattt catggttgga gaagatatgc atgtgttaaa aactgaggtt    540
atgtaaagtt attcactaaa gcctgagtggt gtctttggta ggctaatact ttttcagcat    600
tattaatcac attcatgttt atctatttcc tgtattttta tatataatcc aaggtgacca    660
gagaagacat ggaaaacaac acagcaaat cctcaaataa ctaggccatt aaaaccagt    720
cgatcccaaa ggcaccaaga atcaatgggg tacaacttc cccttagaga aaggtggatt    780
ttttgtaata cttataacct aatgggactt tattttgtag ttttatgtat cttatttgtt    840
gctgtcatat gcttaattac ttacctttac attttttcct ctaagatggc atcaacaata    900
aacaagatag agtaccaggt atttctatatt caaagtgtgt caaaaactgc cacaatcttg    960
ctcaaagtgt ctaagtatcc aaatggtagc aaatgagctg cattaagctt tatataacca   1020
cattgcatat gaagaaaaaa aatgaaattt atgccgatat aaatagaaat gttacagagt   1080
atcatatact gagagtaacc tatgcagttc ttttaaactt atctcttttag tggtttcaat   1140
aaaaatcac taaccactta tccctaaagc ctcaagtttt cttcatttga atgctgtaga   1200
attgcattag tattttatat tgattatata aattaagacc aatttctatc taagaatgtg   1260
cttcaagcaa tgttttgtgg caaacacaca aaacatgctt tgctcttcaa atttattatc   1320
cttaaaataa tgcactttta aagccttcac ttcatagttt ggtaactaag atccacatga   1380
cacacaatgc cttgctgaac acagaaaatg tatctgcatt atgataatga aacccggctt   1440
ttgctggtaa cctgaaaactt aagtagtcac atgtagttca accagctcca aacacggttg   1500
tacagtggta attattctgc agcatttatg ggcctaaatt tcagtctgaa ttgcaacttt   1560
taattccatt gtctgatgtg agtggttgtt atttgtttct tttagtgcac cgccaaaata   1620
taaatcaaca tttaggtttta ttccattgtt accatgttct tcagcaatat gattcaactg   1680
tgaaacttct gaacaggaag cagtttgggt aaccacagaa atgctacact gatgtgggga   1740
attttccaga cggtcatttt ctacctcagg aagaatgtta acagtagcaa agcgggtgtg   1800
ataatcactg gaaccatgac tacaagaagt tttcatgctt tctaggtcag aacaactaaa   1860
ttcagaaaaa tgactagagt gagaatctgc tacagaaggc atactgtcac tgagggatgg   1920
agcctcaaat tcacttgagt tcgtgctttg ttgttctaac aactgtgcat ccatgtcctc   1980
tctcgtctca tttatcttca tgttaccctt tttcctcagt ttaccacttt ttgatttttt   2040
ccctgctggt gcttcttttg accacttggg ggcactagat ttaccttcag gcaagccact   2100
ggatgaaccg ccagcatgac ttcgggtggc actgccaatca tccacactac tgcttccact   2160
gttgtgcctg aatttgatgt gctttgactc aatatctact tgcacctcca tactgttgcc   2220
ttctttgtcc aatgggatgt aggaattcag aatggatcct gccattgctt tgggtgctggc   2280
attatcacta actggttcca agctgactgt gccagattct ccacttagac tgtaccgttc   2340
tttctgtaca tctgcttgta cttccaacct gttaaaacag tttacctagg cacttctga   2400
cagactcccc gttatactgg ctccagctag tgccatgggt ctggccggtt cactcaggtt   2460
gtctcgatg gctcctattc gatccatgtg gcttccactt gcactcaaac tgccagtcag   2520
cccaccaaca cttccctccc ctatgcttgg gttgtgtctt gcttctgcta ctgatgttgt   2580
gtctacagct gtgttagttc caccaacatt tatatcattt tcatcatcaa attcaatcct   2640
aactcctttt ccattgcctg ctgagactcc acaacctccg cttcgacaaa gagaaattgg   2700
aactacgcca tagacataag ctaacataat aggaacaccg atacctacag tcaactgcagc   2760
tactactgga gacacgatta cagacaacgt tacaccacct gctatggcca aattccgttt   2820
gtgctttgaa acatccttgc cttcatagcg atttgtg   2856

```

09406725.010100

```

<210> 7372
<211> 2884
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2851)...(1458)
<223> similar to gi4008442 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7372

```

gcacgatctt ggctcactgc aatcactgcc tcgcagggttc aagtgattct cctgcctcag      60
cctcccagat agctgggatt acagacgtgt gccaccatgc tcagctaatt tttgtatatt 120
cagtagacac aggggtttcac catgttggtc aggctgatct cgaactcctg acatcagggg 180
atccaccacac ctacagcctcc caaagtgggt ggattacagg cgtgagccac tgcgcctggc 240
ctgccccacc taccttaagt tcaaggagaa gccatctccc caggacccag ccccaggcct 300
gcaccacaga tgctcaaaga cttggaggaa ctgatgaatt catTTtaatc acagaaattt 360
gcctgggctt gagcaaaact tggggactca atagatttgg aggctcctc tcccttctga 420
gaggcctgcc tgcttctgc cctgatgaat ccctaatttc agtacaaact gaggaacttg 480
aaaaacatct gtgcactggg accgcccctc acaggagggc tgaaagcagc acagctgagt 540
cagcggcaca ttcagcaggc gttcagtggg gaagcaggag acagaggcgg cgctcacagg 600
acccgctcca ggcttgtcac agccacacat cacagcactt tgggttttgc cacaacagag 660
cagctctgag ctcaatcctt gcacctcaga agtgcatTTa tgattaaaat catgctcgac 720
atgaagccct gttatgatgt gcagtttaaa aagagaaaac ggtccaaatc agcaccaaca 780
gagcccccca gggggctcca agactcgccc cagagacagc agaaggaccc catgtgcgcg 840
ctgatctgta agaagggtgg tggatgcagc agcagggggc tgcgtccaaa ggcagcaggt 900
gggggcctct catagtgtga ccctgggcag gccactcccc taccctcgta ccctcacctg 960
aaaaatggga cagcaacaca atgagacaac agagactgtc tagaatataa agaaaagaat 1020
gaaaagggtc atcccaaggg cagcctgggt gggacgggga caggcagtgg ggggaggctg 1080
cctctggaag acctgtccca gcagaatcag cccccacctc tgccctgcct tccaaccttt 1140
gaaccaccag gcagtagaca cattcccctg ggaaacagaa tttgcaaggc aggtggaaaag 1200
agcagcactc acactggctg tgactgctga aaaatgctca ttggcccttc tcgaggactg 1260
aaaggagatt cggaatcaca tttaaaatta acccgtgacc cacttctgtt aaaaactgaag 1320
atcacctctt aacagcccta acaaacaggc tctggccgtc tctgaccctt aaccctggtg 1380
agcagctgac tggacgcagt gacgccacca ctgaggttct gcagggtgga ggcggccagg 1440
ctggctcact gcatgaggtg gacggtagct gccttgcgga tgagccgctc ggtcaggggc 1500
gagttgggct tcaaggcatc acgctccatc agaaggctcc gggctacgtt cttatggacg 1560
ctggaggtgc agtttaaggc cgcgtgaatc agcagctggt tgaagacgtc tctctgggca 1620
ttgctcccac cgagctggac gatccggtag cggatgggca ggagcagctc caggacgcgg 1680
tcagggttcc cgtcctcagc ctccaccagg gcctggcaca ggggcagccc cactctcgg 1740
gccaggaggt gctggcagtt ctcccctggg gattcgtgtg cgtcccgagc ggtggtcagc 1800
agctcctgtg tggctctggg gtcgtgtgca ccagggatg ccatcaggaa gtgtgcgtca 1860
ttgaacagca ggatgtggtc tcggctgtgc ttccgggcca caggcaggac atcctgccac 1920
cgctggccca cagacactcc ttccatctgc aggcggtaga gcatggagca gctgtccacc 1980
acgtccagca ttgcatcggt ggcctgcagg ctgggaagga tgtgggtatc gtagatggtc 2040
agcgcggcct catattcgcc cttctcaatc agatataaaag cccagtgccca atagttatga 2100
caagccaaca tatcagagtc cttccagagg gtctctgagt gctgcatgaa ttccaaccca 2160
tccttgatct ctgctttcat ctctgtggat tgagcgacgg tgtgcaccga ccatgcgtct 2220
gtcgggttaa tagataaagc ctctttggcg agtttttctg cctggtcgta gaagttggtt 2280
tccatcaagc caaaagagta gatgcctttc acatagctgc ttagggggat gtcagggtgc 2340

```

007270529460

```

cagaaggggt aaattcgagc aacagaatct ctcattctgtt cctgatagcc caggtaaaaa 2400
taagcatcat gggaaaattt cagggccaac atgtctgtcg ggtggtcctg gagaatctgt 2460
tcccatagtt cacaggcttt cggaaagttc ccattggcaa atgtctctac tgcagacacg 2520
tgcagctgct cccgccttgt cagcggctgg gttcttgaaa tctccaccat tgtcttcaca 2580
gccaggtcca gctctttgtc cagcttcacg gagcttccag tgccaatcag cacaaggcca 2640
gtagccatgg cgtggcccat cacaaagggt ggatctgtcg ctttgagctt tgacaggcag 2700
ccctcgatgc caccgagact cttgtcattg gtccatttta catactgggt cagcgtggca 2760
tcgaacagct tgcaggcttc gttgcttgtg gtggagagcg ggagcctcgc atccttccag 2820
gcatggcagt cgcgcagagg cgaggctgcg gccatgttgc gccgggtcgg agcggacgcg 2880
tggtg

```

<210> 7373

<211> 1924

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (282)...(634)

<223> similar to gi4105275 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7373

```

cgtcacagcc cgacgcgcc aacagctgtt tttgtgctca caagctctag cgaaaagccg 60
ccggtatttc tccatctggc tctcctctac ctccaggcag gctcaccoga gatccccgcc 120
ccgaaccccc cctgcacact cggcccagcg ctgttgcccc cggagcggac gtttctgcag 180
ctattctgag cacaccttga cgtcggctga gggagcggga cagggtcagc ggcgaaggag 240
gcaggccccc cgcggggatc tcggaagccc tgcggtgcat catgaagtgc cagtacaagg 300
aggaccatcc ctttgagtat cggaaaaagg aaggagaaaa gatccggaag aaatatccgg 360
acagggtccc cgtgattgta gagaaggctc caaaagccag ggtgcctgat ctggacaaga 420
ggaagtacct agtgccctct gaccttactg ttggccagtt ctacttctta atccggaaga 480
gaatccacct gagacctgag gacgccttat tcttctttgt caacaacacc atccctccca 540
ccagtgtctac catgggccaa ctgtatgagg acaatcatga ggaagactat tttctgtatg 600
tggcctacag tgatgagagt gtctatggga aatgagtggg tggaagccca gcagatgggg 660
agcacctgga cttgggggta ggggaggggt gtgtgtgcgc gacatgggga aagaggggtg 720
ctcccaccgc aaggagacag aaggtgaaga catctagaaa cattacacca cacacaccgt 780
catcacattt tcacatgctc aattgatatt ttttctgtct tcctcgcccc agggagaaag 840
catgtcagga cagagctgtt ggattggctt tgatagagga atggggatga tgtaagtta 900
cagtattcct ggggtttaat tgttgtgcag tttcatagat gggtcaggag gtggacaagt 960
tgggggccaga gatgatggca gtccagcagc aactccctgt gctcccttct ctttgggcag 1020
agattctatt tttgacattt gcacaagaca ggtagggaaa ggggacttgt ggtagtggac 1080
catacctggg gacaaaaaga gaccactgt aattgatgca ttgtggcccc tgatcttccc 1140
tgtctcacac ttcttttctc ccatcccggt tgcaatctca ctacagacac acagtaccac 1200
cccaggggtg gcagtagaca acaaccaga aatttagaca gggatctctt acctttggaa 1260
aataggggtt aggcataaag gtggttgtag ttaagaagat ggttttggtt ttaaatagca 1320
ttaaactgga attgacaaga gtgttgagca tccctgtcta acctgtctt tctctttggt 1380
gccccttata tcaccccttc cttggaattt aataagctc aggcatctt aattgtagac 1440
taaaaccact ctttagcatc cctctagtat ttccatgta tcaggaaaga ggtgtcttat 1500
gtagggaggg ggcaagtatg aagtaaggta attatatact actctcatc aggattcttg 1560
ctcccatgct gctgtccctt caggctcaca tgcacaggaa tgctacatga tggccagctg 1620

```

```
cttccctcct tggttatcat ccaactgcagc tgctagttag aaaggtttgg agggatgact 1680
tttagtaaat catggggatt ttattgattt attttcactt ttgggatttt gtgggggtggg 1740
agtggggagc aggaattgca ctcagacatg acatttcaat tcattctctgc taatgaaaag 1800
ggttctttct cttgggggaa atgtgtgtgt cagttctgtc agctgcaagt tcttgtataa 1860
tgaagtcaat gccatcaggc caaggaaata aaataattgc ttaccttaaa aatcaaaaaa 1920
aaaa 1924
```

<210> 7374

<211> 2079

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (625)...(1630)

<223> similar to gi5901743 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7374

```
tttctgctcta cccccgtccc tagtcccgtc agcatggttt ggatcccctg tgccgtcgcc 60
tctttctttt ggcagcctc cgcgcgcgc tggggaggcg agctatccgg gagttacacc 120
gccaccgcca ggatggatag aatgacagaa gatgctcttc gcttgaatct gttgaagcgg 180
agcttggacc cagcagatga gcgagatgat gtcttgccaa agcgactcaa aatggagggg 240
catgaggcca tggaacgtct gaaaatgttg gcattgctca aaaggaagga tttggcaaat 300
cttgaggtgc cacatgagtt acccaccaaa caggatggca gtggtgtcaa gggctatgaa 360
gaaaaactta acgggaatct caggcctcat ggagacaaca ggactgctgg aaggccaggc 420
aaagaaaaca tcaatgatga gcctgtggat atgagtgtca gacggagtga gccagagcga 480
ggaaggctaa ctccctcacc agacatcatt gttttgtctg acaatgaggc tccagtcctc 540
cgttccagtt ccagaatgga agaaagactc aaagcagcca acttagagat gtttaagggg 600
aaaggcattg aggagcggca gcagcttacc aagcagctga gggatgagct acgattggaa 660
gaagcccagc tggctctgtt aaagaaaactg agacagagtc agctacagaa agagaatgtg 720
gtccagaaga ctccagttgt acagaatgca gcattctatt ttccagccatc tcctgccccat 780
gtgggacagc agggcctatc taagcttccc tctcggcctg gggcccaagg ggttgaacct 840
caaaatttga gaacattaca gggtcacagt gtcatccgtt cagctaccaa taccaccctt 900
ccacacatgt tgatgtctca acgtgttatt gcaccaaacc cagcccagct acagggtcag 960
cggggccccg ctaagcctgg ccttgtacgc accacaacac ccaacatgaa tcccgccatc 1020
aattatcaac cgcagtcagg ttcttctgtt ccatgtcagc gtacaacatc ctctgccatc 1080
tatatgaacc ttgcttctca tatccagcca gggacgggtg acagagtgtc ctcgccactt 1140
cctagccccg gcgccatgac tgatgtgcc aactcacagg ctgcagccaa attggctctt 1200
cgaaaacagc tggaaaagac actcctggag atccccccc ctaaacctcc tgctccctta 1260
cttcatttct tgcctagtgc agccaatagc gagttcatct acatggtagg cttggaagaa 1320
gtcgtacaga gtgtcattga cagccaaggc aaaagctgtg cctcacttct gcgggttgaa 1380
ccctttgtat gtgccagtg ccgcacagat ttcaccctc actggaagca agaaaagaat 1440
ggtaagattc tatgtgagca gtgtatgacc tccaaccaga aaaaggctct aaaagctgaa 1500
cacaccaacc ggctgaaaaa tgcatttgtg aaagccctac agcaggaaca ggtaagaatt 1560
ctgactgtct actggccacc tgtcccagtt tgttttttcc aaagggtcgc gccttctagt 1620
ttgcaggagt ggttcatgtg atccctacag gtccacaggt tccctttttg tctccttatc 1680
attgtgtcct atttccattt gagcgagtat tctgattaag aacatggtaa aatataatgg 1740
ctgagggttaa cagaaagggg cagaaagctt gggactcttg gcttttccat agcactctat 1800
tctcatcttc attttttctt aaaacaaata atagattttg gtgggaggaa tttatatattg 1860
```

tgctataaat	ctctttgaaa	cagttatttg	cagtgcgtgt	ttgataagaa	atgacgaaag	1920
aaagagtgaa	ttatgaagta	gcccagtgaa	gagtagtggt	tctagagtat	gtgaacatct	1980
catgtagcag	ttataggatg	agaatatctt	agagaaggaa	aaatgtgttg	ggaaactcag	2040
atccttttct	tcctatttcc	cactccaccc	atcagagtc			2079

<210> 7375  
 <211> 3600  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (83)...(2087)  
 <223> similar to gi3043744 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

CG43373 "C23460"

<400> 7375						60
cgctcctttt	ctcccccttct	agagtgttac	ggtgactctt	gggtccgaag	gggacggacg	120
tcctcccacg	taccatttag	aagaaatgga	gcaagagcca	caaaatggag	aacctgctga	180
aattaagatc	atcagagaag	catataagaa	ggccttttta	tttgtaaaca	aaggtctgaa	240
tacagatgaa	ttaggtcaga	aggaagaagc	aaagaactac	tataagcaag	gaataggaca	300
cctgctcaga	gggatcagca	tttcatcaaa	agagtctgaa	cacacaggtc	ctgggtggga	360
atctgctaga	cagatgcaac	agaaaatgaa	agaaactcta	cagaatgtac	gcaccaggct	420
ggaaattcta	gagaagggtc	ttgccacttc	tctgcagaat	gatcttcagg	aggtgcccaa	480
gttatatcca	gaatttcac	ctaaagacat	gtgtgaaaaa	ttaccagagc	ctcagtcttt	540
tagttcagct	cctcagcatg	ctgaagtaaa	tggaaacacc	tcaactccaa	gtgcaggggc	600
agttgctgca	cctgcttctc	tgtctttacc	atcacaaagt	tgtccagcag	aagctcctcc	660
tgcttatact	cctcaagctg	ctgaaggcca	ctacactgta	tcctatggaa	cagattcttg	720
ggagttttca	tcagttggag	aggagtttta	taggaatcat	tctcagccac	cgcctcttga	780
gaccttaggg	ctggatgcag	atgaattgat	tttgatacca	aatggagtag	agattttttt	840
tgtaaatcct	gcaggggagg	ttagtgcacc	ttcgtatcct	gggtaccctc	gaattgtgag	900
gtttttggat	aattctctcg	atacggttct	aaaccgtcct	cccgggtttc	ttcaggtttg	960
tgactggtta	tatcctctag	ttcctgatag	atctccggtt	ctgaaatgta	ctgcgggagc	1020
ctacatgttt	cctgatacaa	tgctacaagc	agcaggatgc	tttgtggggg	tcgtcctgtc	1080
ctctgagtta	ccagaggatg	atagagagct	ctttgaggat	ctgttaaggc	aaatgtctga	1140
ccttcggctc	caggccaact	ggaacagagc	agaagaagaa	aatgaattcc	aaatccctgg	1200
aagaactaga	cctcctctcg	accaactaaa	agaagcctct	ggcactgatg	tgaaacagtt	1260
ggaccaaggc	aataaggatg	tacgtcataa	aggaaaacgt	ggaaaaaggg	ctaaagatac	1320
ttcaagtgaa	gaagttaacc	tgagtcacat	tgtaccatgt	gagccagttc	cagaagaaaa	1380
gccaaaagaa	ttacctgaat	ggagtgaaaa	agtggctcac	aacattttgt	caggtgcttc	1440
ctgggtgagt	tggggtttag	tcaaagggtg	tgagattact	ggtaaggcaa	tccagaaaag	1500
tgtttctaaa	ctccgagagc	ggattcaacc	agaagaaaaa	cccgtggaag	ttagtccagc	1560
tgtaaccaag	ggactttata	tagcgaagca	agctacagga	ggagcagcaa	aagttagtca	1620
gttcctgggt	gatggagttt	gcaactgtagc	aaattgcgtt	ggaaaagaac	tagctccaca	1680
tgtaagaag	catggaagca	aacttggttc	agaatctctt	aaaaaagaca	aagatgggaa	1740
atctcctctg	gatgggtgcta	tggttgtagc	agcaagtagt	gttcaaggat	tttcaactgt	1800
ctggcaagga	ttggaatgtg	cagctaaatg	catcggttaac	aatgtttcag	cagaaaactgt	1860
acaaaactgtc	agatacaaat	acggatataa	tgcaaggagaa	gctaccacc	atgcgggtgga	1920
ttctgcgggtc	aatgttggcg	taactgccta	caatattaac	aacattggta	tcaaagcaat	1980
ggtgaagaaa	actgcaacac	aaacaggaca	cactctcctt	gaggactatc	agatagttga	

taattctcag	agggaaaatc	aagaaggagc	agcaaatgtc	aacgtgagag	gggagaagga	2040
tgagcagacg	aaggaagtaa	aggaggcaaa	gaagaaagat	aaatgatgaa	gtgctgggaa	2100
tcacttatac	caaagcctta	tgaaatggat	gaaattttgt	taaataggca	aatgtggaat	2160
tcctcacaga	ttaaccagta	ttttttaaat	gtattcattc	ctacaaatta	actttcataa	2220
attttatggc	atgtcttcta	tttaaaagga	aaagaataag	tattcttgca	tctggcctta	2280
gaaatgtgaa	gttatattct	caagtttatt	tttttccaag	tgtagctaaa	atatttttgc	2340
aggtaaaata	aagctgatag	tacatgtggt	gttcaaacct	tgttaaacct	aatattgaac	2400
tatttttata	tctgctgtct	ttcagaaggc	aaataggaaa	ctatatattt	gcttaaaaat	2460
tggcatttag	taaccttaat	tctttttata	gaaggaaatga	cttaaagtat	tgtcccctct	2520
ttttgcacta	attgtggatt	tttttagatg	cttctcaaaa	ttttcagtg	gtaagctaaa	2580
caaaaactaa	aactaagaat	tctcaaaaaa	acttgttcaa	aacagggaaa	gactgatgaa	2640
aagtaaaatg	gactactttt	gtaacttacc	tgtttgttag	gaaatggaat	ggtctctttg	2700
atttaaaatg	aataaaaaata	gattattacg	tcttttgtat	tgagactgta	ttgttatgag	2760
cctaggaaat	ttgggaacat	gattgtattg	tattaaaatt	cgaagtgatt	attatcagct	2820
taattggatt	aaaaaagtac	ttcaagaaat	tattttatca	tatctgcttc	tgtttttcca	2880
aaaggttaaa	acttgtaaaa	aaaatatata	taaacaattg	agtttactaa	tggtaaacat	2940
ttttattctg	ggattcggtc	attggaattt	atattaaaag	acaagtattt	aaaaaggaaa	3000
ggttctattc	ataatcaggg	taaagaatat	gaaaacctta	gacgtaatcc	catggtggat	3060
aggccattat	ggtttccact	ttggccagaa	ggcagactat	tcacagccct	atttacttac	3120
ataggctaaa	aaactatgta	accctaaata	cctaattggt	tttaattttt	gtttattgaa	3180
tttaaggagg	ttgggtatta	gttttccata	ggctgtagtc	ccattcctaa	taatttctga	3240
tcttctagtg	gctacttaat	tagacattat	ttgaagctgt	ctgaagaatg	cactttatga	3300
attaaaaaac	tgaattgcct	gacctcggt	tcacatgagc	ttatatattt	ggaacacata	3360
gaactgatgg	aggcttttcc	taaggccaag	gataatgtac	tagttgttaa	aatggaaata	3420
aaagtgaagt	ggtaaatagc	ttacagacag	tctatgcttt	gtttaagaaa	tggaatggca	3480
cttcatatta	ttctcatttg	tgggagctaa	aaattacaaa	taatcaaaact	taaggagata	3540
gagagtagaa	tgatggttac	cagaggctgg	gaggcattga	agggatgggg	agggagtggg	3600

<210> 7376

<211> 965

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (245)...(886)

<223> similar to gil008080 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7376

aagacgggtga	tttctgcatt	tccatctgag	atgcagtcga	agccctgtgg	ctccaccccg	60
agggtccagc	ccttaccact	gctaagaact	acaactccca	gcccagaggga	ggtctctgcg	120
cctgcggcct	gacgccctac	gcctacactt	cccagagaac	ctagcgggta	cgccaacgcg	180
cgcgtgcgcc	cttgcgcgtt	tctctcttcc	cactcggggt	tgacctacag	ccgcccggga	240
gaagatggct	gccccagcag	tgteccgggt	ctcccggcag	gtgcgatgct	tcagtacctc	300
tgtggtcaga	ccatttgcca	agcttgtgag	gctcctgttt	caggtatacg	gtattgaagg	360
tcgctatgcc	acagctcttt	attctgctgc	atcaaaaacg	aataagctgg	agcaagtaga	420
aaaggagtgg	ttgagagtag	cacaaatcct	gaaggaaacc	aaagtggctg	cttctgtttt	480
gaatccctat	gtgaagcggt	ccattaaagt	gaaaagccta	aatgacatca	cagcaaaaga	540
gaggttctct	cccctcacta	ccaacctgat	caatttgctt	gctgaaaatg	gtcgattaag	600

caatacccaa	ggagtcgttt	ctgccttttc	taccatgatg	agtgtccatc	gcggagaggt	660
accttgacac	gtgacctctg	catctccttt	agaagaagcc	acactctctg	aattaaaaac	720
gttcctcaag	agcttcctaa	gtcaaggcca	agtattgaaa	ttggaggcta	agactgatcc	780
gtcaatcttg	ggtggaatga	ttgtgcgcat	tggcgagaaa	tatgttgaca	tgtctgtcaa	840
gaccaagatt	cagaagctgg	gcagggctat	gcgggagatt	gtctaaaagt	gttggttttc	900
tgccatcagt	gaaaattctt	aaacttgag	caacaataaa	aagcttccag	aacagaaaaa	960
aaaaa						965

<210> 7377  
 <211> 1491  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1293)...(546)  
 <223> similar to gill118102 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7377						
aaagtaccaa	ctatacttta	tggttggtgg	aacattttatg	cctttttgat	aaatgataaa	60
aagatcttac	tcccaactac	tgcataattaa	aaaaagaagt	taatgacaag	acgattccgt	120
gggaggttga	ggcaggaggg	ttgcttgagc	ccaggagttt	gatttggcaa	gacctgggtct	180
ctgatttttt	taaaaggatg	attccaaatt	aagtctaaga	atggaagtga	atgccaagca	240
cagacccttt	cacctccaca	tagagaataa	acgtgggaca	agctgacaag	gatttttagc	300
taacagcagc	cactgttgct	ttgatagacg	catacaagcc	ctttctaaca	ttagcaagtc	360
ataaaaaatcc	aaaaagttaa	aatctcagtt	gagaacttca	aacaatactt	ctgttttaca	420
agaatttaaat	aacaaagatt	aaacaatcaa	aatgaaccat	gggactcaaa	aacatcctaa	480
gttgcaaaat	caatacataa	tggaaaatct	gacgacattt	aaaactgtaa	gattaattct	540
tttcattgag	ttcttctact	tgcatttgca	aacagagaga	atgacgcgcc	tgtttcaggg	600
attcttttagc	cttagcaagg	tcttctttta	acttggttga	ttgctgcaca	tcaaagtgtc	660
gttgctttga	tttcttggtg	aagaactgaa	gaaattgcct	actcttaaca	gctgagtaag	720
tataatcctg	tgcagtgact	ataaagtatg	caaaaaagac	catagaattt	gcaaagtgtg	780
tgaagtatgt	aactggctcc	atgatatccc	aggagtacac	ccaccacgtg	agccaggcca	840
gtgccccacc	ctgaatggac	agcagtgcc	atccagccca	caggagtcca	ctggttttgg	900
cttccgaatg	agcttctatt	ccagctttca	cctgttcaag	gggctgcagc	tgttccttca	960
ggtggtcaat	tttctccagt	aaatggtgct	ctctcttttt	ctgagactct	tctaaatgca	1020
agattgtaaa	tagtctgtga	accaaagatt	tcatgtgttc	catctcagca	gtgtgctcat	1080
tacttggttt	ttctctcttt	ggacactgca	catcatatgc	tattttatta	atgacaagtt	1140
taaaatcatt	cattagcaaa	atatccatca	aggtagaagc	tgaaatcatg	ttgccatctg	1200
ctgtgaagat	ggctgcagtt	ttgataccct	tatcttcatt	ttgtaggtcc	tgaagggaatg	1260
aaccaactgt	tgacaacatt	ggtttgacta	cgaattgaca	acgttctttt	ctagatggca	1320
aggtaagtgt	taccaaggga	aggccatgtc	tataaataac	tgttatttca	tcaggtggca	1380
ccacggtact	ataatggtgt	gactggtagt	atttcacatt	tccacacagc	ttcacacgca	1440
aaacctgggg	cggaggcggc	agcggccacg	ggcgcgctgg	gcgccaggtg	c	1491



<210> 7378  
 <211> 1926  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (532)...(1648)  
 <223> similar to gi3170184 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

00433725.012100

```

<400> 7378
cccacgcgtc cgcccacgcg tccgggggtcc ggtaacaaca tggcggcgctc cgtgagggggc      60
tccttttgggc aggggtagtg tttgggtgtcc ctgtcttgcg tgatattgac aaactgaagc      120
tttctgtcac cactggactt aaggaagagt gtactcgtag gcggacagct ttagtggccg      180
gccggccgct ctcattcccc ataaggagca gagtcctttg tactgaccaa gatgagcaac      240
atctacatcc aggagcctcc cacgaatggg aagggttttat tgaaaactac agctggagat      300
attgacatag agttgtggtc caaagaagct cctaaagctt gcagaaatct tatccaactt      360
tgtttggaag cttattatga caataccatt tttcatagag ttgtgcctgg tttcatagtc      420
caaggcggag atcctactgg cacaggaggt ggtggagagt ctatctatgg agcgccattc      480
aaagatgaat ttcattcacg gttgcgtttt aatcggagag gactgggttc catggcaaatt      540
gctggttctc atgataatgg cagccagttt ttcttcacac tgggtcgagc agatgaaact      600
aacaataagc ataccatctt tggaaagggt acaggggata cagtataata catgttgcga      660
ctgtcagaag tagacattga tgatgacgaa agaccacata atccacacaa aataaaaaagc      720
tgtgaggttt tgtttaatcc ttttgatgac atcattccaa gggaaattaa aaggctgaaa      780
aaagagaaac cagaggagga agtaaagaaa ttgaaaccca aaggcacaaa aaatttttagt      840
ttactttcat ttggagagga agctgaggaa gaagaggagg aagtaaattcg agttagtcag      900
agcatgaagg gcaaaaagcaa aagtagtcag gacttgctta aggatgatcc acatctcagt      960
tctgttcag ttgtagaaaag tgaaaaagggt gatgcaccag atttagttga tgatggagaa     1020
gatgaaaagt cagagcatga tgaatatatt gatggtgatg aaaagaacct gatgagagaa     1080
agaattgccca aaaaattaaa aaaggacaca agtgcgaaatg ttaaatacagc tggagaagga     1140
gaagtggaga agaaatcagt cagccgcagt gaagagctca gaaaagaagc aagacaatta     1200
aaacgggaac tcttagcagc aaaacaaaaa aaagtagaaa atgcagcaaa acaagcagaa     1260
aaaagaagtg aagaggaaga agcccctcca gatggtgctg ttgccgaata cagaagagaa     1320
aagcaaaagt atgaagctct gaggaagcaa cagtcaaaga agggaacttc ccgggaagat     1380
cagacccttg cactgctgaa ccagtttaaa tctaaactca ctcaagcaat tgctgaaacg     1440
cctgaaaatg acattcctga aacagaagta gaagatgatg aaggatggat gtcacatgta     1500
cttcagtttg aggataaaaag cagaaaagtg aaagatgcaa gcatgcaaga ctcatagata     1560
tttgaaatct atgatcctcg gaatccagtg aataaaaagaa ggagggaaga aagcaaaaag     1620
ctgatgagag agaaaaaaga aagaagataa aatgagaata atgataacca gaacttgctg     1680
gaaatgtgcc tacaatggcc ttgtaacagc cattgttccc aacagcatca cttaggggtg     1740
tgaaaagaag tatttttgaa cctgttgtct ggttttgaaa aacaattatc ttgttttgca     1800
aattgtggaa tgatgtaagc aaatgctttt ggttactggt acatgtgttt tttcctagct     1860
gaccttttat attgctaaat ctgaaataaa ataactttcc ttccacatta catgttataa     1920
aaaaaa
  
```

<210> 7379  
 <211> 1090  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (60)...(703)  
 <223> similar to gi919 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7379  
 cgagggagca ggcgcggccg cggcgccata ttgcggccct cagcggccgc gaccgagtca 60  
 tggctgagac ctacgacttc ctcttcaaat tcctggtgat tggcagtgc ggaactggca 120  
 aatcatgtct ccttcatcag ttcatgtaga ataagttcaa acaggactcc aatcacacaa 180  
 tcggcgtgga gtttgatcc cgggtggtca acgtgggtgg gaagactgtg aagctacaga 240  
 tttgggacac ggctggccag gagcggtttc ggtagtgac gcggagttat taccgagggg 300  
 cggctggagc cctgctggtg tacgacatca ccagccggga gacatacaac tcaactggctg 360  
 cctggctgac ggatgcccgc accctggcca gcccacat cgtggtcatc ctctgtggca 420  
 acaagaagga cctggaccct gagcgggagg tcactttcct ggaggcctcc cgctttgccc 480  
 aggagaatga gctgatgttc ctggagacca gcgctctcac aggcgagaac gtggaggagg 540  
 cgttcctcaa gtgtgcccgc actatcctca acaagattga ctacggcgag ctgagccggg 600  
 agaggatggg ctctggcatt cagtacgggg atgcgtccct ccgccagctt cggcagcctc 660  
 ggagtgccca ggccgtggcc cctcagccgt gtggtctgtg agctctgtgg agccagctca 720  
 cctgttctcc aggaccagcc ctgctggggc ccaggcccag gctctgagag gccgtgtcct 780  
 aacctgcctt ggccccggag aagctacgtt gccacctgtc ccccttcctt ggctgtgtgg 840  
 ggctgtgctt tggggcaaga ctgagccacg ggggaagggg gaatcccgtg cctgctgtgtg 900  
 ctctctctgt cttggctaac gtctgtcccc ctgaacccct aaccataccc caagagctcc 960  
 caaagcctga gaccaggggc atttgtcccc aactcccat ctggccctgc tgttgctagt 1020  
 acctgtatt tattacctgg aggcctgtcc agcaccat ctaccccat aaagcattgt 1080  
 ttacaaaaaa 1090

<210> 7380  
 <211> 1969  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1970)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (1570)...(978)  
 <223> similar to gi36032 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7380  
 ctttttttaa aaacatcaga agtagatgag gttacagcgt acaagtgtgg tcagaatgct 60  
 actgtcgtat gcaaatgacg agtgcattaa gtgtcaaaca atgaaacaat tgtgcaaaga 120

ataaaaaaac	aaatttttagc	ctttaaataa	atcaaataac	atcagtttct	tggactgaac	180
aatttttca	tctaggacag	gcacaaagt	cgcttatggc	aaaaacaacc	ccacagcgca	240
tcctccctcc	tccctccgg	agctggtgga	gggttcgcag	cggttggtggc	cgagggagag	300
gctgtgctga	agctgtgtcc	cccccaagtc	agttgcaaat	gtcttcccca	gggttggtgaa	360
agatggtcaa	gtcctgttca	tgcttggg	ggagtctggc	ccagcctggg	ccagagcgct	420
cacccatcac	cacccttaaa	taacaccatc	ttagctccga	aaataaaatt	atatctatat	480
ttatataaca	tccccccatc	ctccccagca	gccctcccct	cccgcagtac	ccgggggtcta	540
tgttacagac	aagggatatac	aagctcccgc	tggtgaagg	agaacatctg	atggggcgcg	600
gccacactcc	cgcgccaatc	tcgcccccg	ggatcagagg	cggttggtggg	gtgaaaatgg	660
ggcgagggga	gtcgaacaga	cacacagcca	cacactctga	ggccccggtc	ttcagaaaag	720
catgctcagg	ggacccttgg	cactcagttg	ggagcccagg	cctgtgcaac	acagctggag	780
gcacacagac	actgggatgg	ggcgccccg	tgcccacgcc	aagtcctggc	gcaagccaga	840
ggcgtcagca	gacagatgcc	aggcaggccg	gtgggggtcct	tgtgggacac	gggtctcccc	900
ttctccgggc	tcgcggggga	ctggtccagg	agggggagcc	gtgccggcag	gggcaggcgc	960
gacgggcg	gccctcatag	caccttgtag	cagttgatgc	agccgttctg	ggagccgtag	1020
cgcttctgca	gcgcggcg	cgtggccg	tcgaagacct	cgcgcacgcc	ttccttggtc	1080
ttggcagagc	actcgaggta	gtcgtaggct	tggtatgcga	cgcccatggc	gcggccgtca	1140
tccgtgcgca	cggttccctg	cttcatgcgg	gccagctctg	tgccgacatg	ctcgctcgctg	1200
cgcaggtctt	ttttgttggc	caccaggatg	atgggcacat	tggtgacagaa	gtgcttcacc	1260
tcggggaccc	acttctcg	gatgttctcc	agcaggtccg	ggctgtccac	cgagaagcac	1320
atgagaatga	cgtcggtgtc	cggttaggag	agcgcccgca	ggcggtcgta	gtcctcctgg	1380
cccgcggtgt	cccacagcgc	cagctccacc	tgcttgccgt	ccacctcaat	gtcggccaca	1440
tagttctcga	agacggtggg	cacgtacacc	tcggggaact	cgctccttact	gaacacgatc	1500
agcaggcacg	tcttgccaca	cgcgccgctc	cccaccacca	ccagcttctt	gcggatggcc	1560
gccatgagcg	ggccggggccc	gggcagcagg	aggggggccg	cgaacgcctc	gctgccctcc	1620
cgctcgccgc	tactgctca	ccctggggct	gcgcgcagg	ggcgagaagg	ggtcgctagc	1680
tgaccccg	cccccgctg	gcncgcggt	tctctccgct	ggcgctttcg	gctggcccg	1740
gcggggggcg	gtggggggct	ccggggggca	taaaggcg	accagtgtt	cttagccgcg	1800
ctgctcccg	ggcggtggtc	gctctgctca	ccccaggccg	gggatcgcc	ggctttgtgg	1860
cgtaacgcg	ggctcgggca	gcagactcgg	gcgttgga	cgccctagct	ctctcccg	1920
tctctccgg	cctcgctgag	catacaagac	aacagctcca	accacactg		1969

<210> 7381

<211> 2041

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (116)...(1059)

<223> similar to gi6006498 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7381

atcctgggtt	ggaggaggtg	gcggccgctg	aggctgcggc	gtgaagacgg	cggtcatggt	60
ggggcgggag	aaagagctct	ctatacactt	tggtcccggg	agctgtcggc	tggtggagga	120
ggaagttaac	atccctaata	ggagggttct	ggttactggt	gccactgggc	ttcttggcag	180
agctgtacac	aaagaatttc	agcagaataa	ttggcatgca	gttggtgtg	gtttcagaag	240
agcaagacca	aaatttgaac	aggttaatct	gttggttct	aatgcagttc	atcacatcat	300
tcatgatttt	cagccccatg	ttatagtaca	ttgtgcagca	gagagaagac	cagatgttgt	360

```

agaaaatcag ccagatgctg cctctcaact taatgtggat gcttctggga atttagcaaa 420
ggaagcagct gctgttggag catttctcat ctacattagc tcagattatg tatttgatgg 480
aacaaatcca ccttacagag aggaagacat accagctccc cttaaattgt atggcaaaac 540
aaaattagat ggagaaaagg ctgtcctgga gaacaatcta ggagctgctg ttttgaggat 600
tcctattctg tatggggaag ttgaaaagct cgaagaaagt gctgtgactg ttatgtttga 660
taaagtgcag ttcagcaaca agtcagcaaa catggatcac tggcagcaga ggttccccac 720
acatgtcaaa gatgtggcca ctgtgtgccg gcagctagca gagaagagaa tgctggatcc 780
atcaattaag ggaacctttc actggtcttg caatgaacag atgactaagt atgaaatggc 840
atgtgcaatt gcagatgcct tcaacctccc cagcagtcac ttaagacctt ttactgacag 900
ccctgtccta ggagcacaac gtccgagaaa tgctcagctt gactgctcca aattggagac 960
cttgggcatt ggccaacgaa caccatttctg aattggaatc aaagaatcac tttggccttt 1020
cctcattgac aagagatgga gacaaacggt ctttcattag tttatttgtg ttgggttctt 1080
tttttttttt aaatgaaaag tatagtatgg ggcacttttt aaagaacaaa ggaaatagtt 1140
ttgtatgagt actttaattg tgactcttag gatctttcag gtaaatgatg ctcttgact 1200
agtgaaattg tctaaagaaa ctaaaaggca gtcatgccct gtttgagta atttttcttt 1260
ttatcatttt gtttgcctg gctaaacttg gagtttgagt atagtaaatt atgatcctta 1320
aatattttgag agtcaggatg aagcagatct gctgtagact tttcagatga aattgttcac 1380
tctcgtaacc tccatatttt caggattttt gaagctgttg accttttcat gttgattatt 1440
ttaaattgtg tgaaatagta taaaaatcat tgggtgttcat tatttgcttt gcctgagctc 1500
agatcaaaat gtttgaagaa aggaacttta tttttgcaag ttacgtacag tttttatgct 1560
tgagatattt caacatgtta tgtatatttg aacttctaca gcttgatgcc tctgctttt 1620
atagcagttt atggggagca cttgaaagag cgtgtgtaca tgtatttttt ttctaggcaa 1680
acattgaatg caaacgtgta tttttttaat ataaatata aactgtcctt ttcatcccat 1740
gttgccgcta agtgatatat catatgtgtg gttatactca taataatggg ctttgaagt 1800
cttttcacca ttcatgaata ataataaata tgtactgtg gcatgtaatg cttagttttc 1860
gtgtatttac ttcttttttt aaatgtaagg accaaacttc taaactaatt gttcttttgt 1920
tgctttaatt tttaaaaaatt acattcttct gatgtaacat gtcatacata caaaagaata 1980
tagtttaata tgtattgaaa taaaacacaa taaaattaac acttgatcca gaaaaaaaaa 2040
a 2041

```

<210> 7382  
 <211> 660  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (42)...(435)  
 <223> similar to gi495273 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7382
cggacgcgtg ggcggacgag tgggctttcc ggcggccac aatgggtgag atgaatgtcc 60
tggcagatgc totcaagagt atcaacaatg ccgaaaagag aggcaaacgc caggtgctta 120
ttaggccgtg ctccaaagtc atcgctcggg ttctcactgt gatgatgaag catggttaca 180
ttggcgaatt tgaaatcatt gatgaccaca gagctgggaa aattgtttgt aacctcacag 240
gcaggctaaa caagtgtggg gtgatcagcc ccagatttga cgtgcaactc aaagacctgg 300
aaaaatggca gaataatctg cttccatccc gccagtttgg tttcattgta ctgacaacct 360
cagctggcat catggaccat gaagaagcaa gacgaaaaca cacaggaggg aaaatcctgg 420
gattcttttt ctagggatgt aatacatata tttacaaata aaatgcctca tggactctgg 480

```

tgcttccact	tggtcgtttt	gagcctttac	agcagtgtag	ccacagcttc	tgcggcagca	540
tgcagttgct	tcgtttatcg	aagaatgcga	ttccctgaag	tgactaatac	agccaagggg	600
aaaagttcct	atgaaaccag	tatgcctaag	aaacagtcac	ccctgctgtc	tgccaaaacc	660

```

<210> 7383
<211> 1146
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (975)...(543)
<223> similar to gi3874176 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7383						60
tggttggtgt	gttttttaaa	tcacccctcc	attactcaac	attctcgttc	ccagatgaat	120
tttaaaactg	gagttgcacc	aactgtgaga	cagcctcaac	cccaatgtta	aatactacca	180
gttttatata	tatatatata	tatatatata	tataaagact	gaaaacagtt	ctctctggaa	240
aacgatccac	caaccttttt	atgggaagaa	ggtcttctct	aacactttta	cttaagggaa	300
gaagtgatgg	agaggaagaa	ggaaagtaca	ctggccaata	ctctggaaac	tgactgactt	360
gggttatctg	tggtccaaag	aggatcccga	aagacagtga	ctctgtctca	atgattattc	420
ccatcccaat	taaaagtcac	aatgacagca	tttacattca	cacagggctc	ctttccaaga	480
agtttgtag	tcacctacat	gtcttcaatt	ctcaaggcaa	cagtgggggc	aacaaggagg	540
ttgacagcca	ggtcctgtga	gagctgtttg	tcaaagccca	ctctcagtga	gtcagtcctt	600
ggaagttggg	ttcagtgcac	ggaggcaggg	ccactgactg	gcttagcaac	gtgtccatca	660
tgctgatttt	agcatcttgc	ttctcaatgt	cctcatagcg	agtccaggac	aagtcattgt	720
gtagtttgta	ggcaccaagg	aagtcattgt	gacaacttgt	ccccatttcc	tttgagagaa	780
tgatggaaaa	atactgctga	ccactctccc	gtttatagag	atagtaaatt	ttgccagggt	840
ttttcactat	attacaagct	acatggtgca	ggttggcatc	tctgtgagca	tcttccagta	900
ccttcctggc	ttgttcttgc	aaatggttga	tttgctcagc	tatgactgtc	agcttggttg	960
tggcatttgc	tcggatgaat	tcatcagcct	tctgcacctg	ctctgcgagc	gccacgaggt	1020
ctaaggggtc	cccggcccgg	tgggtgtggt	aggggctcac	cagggccagg	ccgccggggg	1080
tcgggggtgag	ctccaccagg	gctcctccct	ggcctgcagc	tggcggcgct	ccttgccctt	1140
caaggacccc	ctcggtcctc	cccggcgcg	cggcgctctc	catgacagcg	ccttatccct	1146
cggtgcc						

```

<210> 7384
<211> 1571
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1480)...(365)
<223> similar to gil59767 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 7384  
tttttttttt ttcaaactgc tttactatac tttattgata taaatacagc aaatctcaat 60  
aagcaccagc taccatttta ccactacaca agagaaacaa agtcaaaaga attatatatt 120  
aatgcaaaga gtaaacacag aatgctttca cttccactat agtcctctat aacaaaacat 180  
cctacatact ttgtacaatt tgcttataat tgggttaaata tttgatatga agcaagggtg 240  
atttttaatc aaacttctat ttctcagtggt aaaatgctct cttcatcaga ggtggttgag 300  
ttttcccgac atcaaacatc atttccaaag gtgggttatt gagagaacac caatcaggta 360  
tacggcccgt ctgattataa tattcctttg aaacagaacg gctcccaagt atatcttgta 420  
atgctccaaa aatagcccct cccaaccagg ccacacaatt agcttttgca ggtggagtat 480  
gaattcgaaa tgtcttagtg ccaagtgcct ttttatattt tgggttttct accaaatacc 540  
ttatttctgc aagcaatctg tggagaaatc ctggcaacat agaagtgcc cctatgacta 600  
ccaaattctc tgctagttgc ttctgtgtgt ctatcggaca ctgtataagg gaatccaata 660  
ttaaagtggc aactgattgc tcttcattat cttgttcaaa aagaatttcc acaactgaat 720  
ctctgattga tccaaggata tgtaaaatct tctctccatc taatggatag tcaacatttg 780  
ggggtgggga gggacgctca ttattcccat caatattaaa ttttgctgct tggattttta 840  
gtcctcgctt cagatcactt acaaagcaag tacgcgcttt aatgtcctct aagacacctt 900  
ccggaactga acccatcact gaggggaaggc tctgttcttt agcaacactt gtgtcaacag 960  
tacattgttc caatagttga gtttccaaact ctttgtgaag agcttttctt cctaggggta 1020  
gtgctcccca acaatttaga actgggattc cttcatatat gggtaacacc aggctttccc 1080  
tatatccaca atctaggacc atggcagaat taattccaag cgtcagaaga gccattagat 1140  
gacttggagc aagcaagaca gatggaacct caaaatattt gaaaagaaca cgagtgaagt 1200  
tctctctgaa gtgagaagga cataataccg attcgataat cacaactcgg cggctctctg 1260  
gattcaccaa tagatgctg aaatatagta tgtggatgaa ttcttttagg taggaatata 1320  
attcttctgt attgatatta tactgaacaa ctctgacagg cttaggcatc ccagctcttt 1380  
ttatcacact aggaattata catcttgac cagtttctcc agcaaattcca cacttggtta 1440  
aggcctctcc caggtcgatc acgaccgccc tcttctcccc gccgctcccc aggccctcgt 1500  
agagcggcat ggtagtaagg cagactgaga gaagagggtc gcagtctccg cggccaacaa 1560  
gtctcacgaa a 1571

<210> 7385  
<211> 1947  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (20)...(821)  
<223> similar to gi5070698 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7385  
cccacgcgtc cgcgctgaga tgggggcggc ggccggcgaa gcgcatcgca ctctctttgt 60  
gggcaacctt gaaacgaaaag tgaccgagga gctccttttc gagcttttcc accaggctgg 120  
gccagtaata aaggtgaaa ttccaaaaga taaggatggt aaaccaaagc agtttgcgtt 180  
tgtgaatttc aaacatgaag tgtctgttcc ttatgcaatg aatctactta atggaatcaa 240

```

actttatgga aggcctatca aaattcaatt tagatcagga agtagtcatg cccacaaga 300
tgtcagtttg tcatatcccc aacatcatgt tggaaattca agccctacct ccacatctcc 360
tagcaggtac gaaaggacta tggataacat gacttcatca gcacagataa ttcagagatc 420
tttctcttct ccagaaaatt ttcagagaca agcagtgatg aacagtgctt tgagacaaat 480
gtcatatggt ggaaaatttg gttcttcacc tctggatcaa tcaggatttt caccatcagt 540
tcaatcacac agtcatagtt tcaatcagtc ttcaagctcc cagtggcgcc aaggtaacacc 600
atcatcacag cgtaaagtca gaatgaattc ttatccctac ctagcagata gacattatag 660
ccgggaacag cgttacactg atcatgggtc tgaccatcat tacagaggaa agagagatga 720
tttcttctat gaagacagga atcatgatga ctggagccat gactatgata acagaagaga 780
cagtagtaga gatggaaaat ggcgctcatc tcgacactaa cacatgttaa aaggacattg 840
tttttatagg gtcatttttag gccctttgac taagttgata tggaaatatt ttgttgaaaa 900
actgtacaga gcagctttac aagttgtcac atttctttat aaattttttt aaagctacag 960
tttaatacaa aatgaattgc ggttttatta cattaataac ctttcacctc agggttttat 1020
gaagaggaaa gggttttatg caaaagaaa tgctacaatt cctaatacatt ttagacactt 1080
taggaggggg tgaagttgta tgataaagca gatattttta ttatttgta tctttttgta 1140
ttgcaagaaa tttcttgcta gtgaatcaag aaaacatcca ggttgacagt ctaaaatggc 1200
tactgggtatt ttagttaatt caaaaatgaa acttttcagt gattcacttt actaacattc 1260
tatttgagaa ggcttattgg taaagtttgg ggataaaggc attgcttaac ttcttatata 1320
atthaggtat aaattctgtg acatgctctt gagctttacc ctagttgaac atacatgtgt 1380
agatttacac atactgtttc attctaaaat ttagaaattg ttcattaaat cccatttgag 1440
gtataagtca ctcaggaagt taaaatatct ctacacgtat atttttacat taaaaataca 1500
gtgttagcat aaatcccctt ttcaggaaga acaaaaatgt cagtgcatag ttagataaaa 1560
tggtaaaatg ttttactgaa agcactacttt tttggaaaat agattcatga agcctttaag 1620
tgctgcttct gtcagtcaaa cgttaaaaaac ttttaacattt tcaaagtgcc cagactgtgt 1680
acaaagacac atgtaatgga gattgtacag gttgtttttt tgtttgaacc tttgaaagag 1740
tttaatctta acgtttttcta atttttaaat ttttaaatct tgttttaaaa aagcttgtat 1800
taagatactg ttttcatttc attacagaat tgtttataaa agttcatttg ttgaaaaata 1860
aggatccttt ttaataccac agcatttgta ctgttccttt ttaatatact gaaaaaataa 1920
aaggaggggg gtgtgtttaa aaaaaaa 1947

```

<210> 7386

<211> 2660

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (298)...(1458)

<223> similar to gi5533003 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7386

```

agcgctcctc cttccggtga aagtcgtcgg gttcccagcc gggagtctgc ggagttctca 60
tactctgtta cccagcttcc tttgtatgag ggctgttgcg cacttccggt ggaagcgctg 120
aagcagtggt gtggagttta cggagccggt gggcggtagg cggtgctacg ggtagctggg 180
tgctgtccaa aggcgacagg gcgtcgtagg gggagcgagt cgtgaccggt tgggccacac 240
tcaacgtggg acgaagcttc gcctactggt tgactacgtg cgtgcagcct cccctcgatg 300
tcggccctcg aaaagagcat gcacctcgcc cgcttccct ctcgcccacc tctaccgggc 360
agcgggggca gtcagagcgg agccaagatg cgaatgggcc ctggaagaaa gcgggacttt 420
tcccctgttc cttggagtca gtatttttag tccatggaag atgtagaagt agagaatgaa 480

```

09488725 " 04.12.10

```
actggcaagg atactttttcg agtctacaag agtgggttcag aggggtccagt cctgctcctt 540
ctgcatggag gaggtcattc tgccctttct tgggctgtgt tcacggcagc gattattagt 600
agagttcagt gtaggattgt agctttggat ctgccaagtc atgggtgaaac aaagggtcaag 660
aatcctgaag atctgtctgc agaaacaatg gcaaaagacg ttggcaatgt ggttgaagcc 720
atgtatgggg accttcctcc tccaattatg ctgattggac atagcatggg tgggtctatt 780
gcagtccaca cagcatcatc caacctggta ccaagcctct tgggtctgtg catgattgat 840
gttgtagaag gtacagctat ggatgcactt aatagcatgc agaatttctt acgggggtcgt 900
cctaaaacct tcaagtctct ggagaatgct attgaatgga gtgtgaagag tggccagatt 960
cgaaatctgg agtctgcccg tgtctcaatg gttggccaag tcaaacagtg tgaaggaatt 1020
acaagtcag aaggctcaaa atctatagt gaaggaatca tagaggaaga agaagaagat 1080
gaggaaggaa gtgagtctat aagcaagagg aaaaagggaag atgacatgga gaccaagaaa 1140
gaccatccat acacctggag aattgaactg gcaaaaacag aaaaatactg ggacggctgg 1200
ttccgaggct tatccaatct ctttcttagt tgtcccatc ctaaattgct gctcttggct 1260
ggtgttgata gattggataa agatctgacc attggccaga tgcaaggga gttccagatg 1320
caggtcctac cccagtgtgg ccatgcagtc catgaggatg cccctgaca ggtagctgaa 1380
gctgttgcca ctttctgat ccggcacagg tttgcagaac ccatcggtgg attccagtgt 1440
gtgtttctcg gctgttagtg acctgctgtc caccctcct caacatcgag ctctgttgta 1500
aatacgtcgc accagaggcc actgtgatgc cactgtctcc tctccatccc gccagccat 1560
gtgacactgg ctcccggtag acgggcaccc cgagatgtac caaccttttc atgtattctg 1620
ccaaaagcat tgttttccag ggcccttgac caacatcggc tccccagtc cagggtccc 1680
ctgctccttt cccttccctg tactggggta gctcctgcct gctctccctg cgttgccctag 1740
ggtaaagcct ccagatttgc catactgagc ccctcttct agcatcaggc gatacatctg 1800
agttcaaatg tcttcccagg ctccaggacc tccattcctt gagattgtct tggcatggcc 1860
cagccctgcc tcatgggatg gacaatgcat ggggtggtct ttatttttcc ctttcaaata 1920
aaacactagt caggtaccgt tttatcccag tctgactctt ccaggtttgg aagaccaga 1980
gaggccaaga tcccatcctt agccatagcg agcgggtgtg gtggatagca tcacaagaaa 2040
cgagcctgaa aatcagggtc agccgggtcca agcacatggc ctcccatctg ggagagccca 2100
ctgtcccact cccacatgct tgggcacctg ccctgggctg aggccaggct gctccagggg 2160
cctcctgcgc cctcacctgc cacagagcaa ccagggttaa atacagccca tgcacaaagc 2220
cacaggccaa agcctatgga attgttttta atcatcaaat ttaaccattt tcataactgg 2280
ttcctggagg tgtgcagtc ccccttgctt cttcaaacct acagcttctc tttgccattt 2340
gtggatttca catcactcca cacagaaaca ttacagcctg gcatccccag tctttgcctt 2400
cttccagctg cctcgacaca gcaactgtggc ctgtccctat tgcccaggca cgccatttcc 2460
aagggcagga aggggcagtg tcctgaagcc catcttttct gtgactgtct taggtgatgt 2520
gtagccccct ccacctttcc actcaacaac ctcccacccc tgtcctgctg catggtccgg 2580
agtctgggac ctactttgtt ttttgttatt tatgacctg tttaaagaaa ataaatatct 2640
cccaaccttt aaaaaaaaaa 2660
```

<210> 7387

<211> 1074

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (442)...(823)

<223> similar to gi438652 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7387



```

ggcctgaagt acccaagtec ccgagggcgc gccttccccg ggaatttaat tcaggacaat      60
aatgttttat tgagcgcccta ttgtgaatca gacactgagc agtaagcgtc ggagaaacag      120
gtgaatgata ccggggaaaaa gtcattccct gtgtgtagcg tctagggcag cttttgccct      180
ggttccagca gatgggttgt ctcttcatag tctatgcatt tctgaagacc ccacggtgaa      240
gggctgcaag gatgaagctg tcccagagta tctccagagt gcagatccct tggctgccag      300
gtcatgttct ctcttccctct caactgctct cccgaccata taaggagagg cagctgctgg      360
gggctgcccc aggatctaaa gatagcttcc gctgcctgga actctaaatg ccaccctgga      420
gcgggagccg caatggcacg gcagcacgcc cggaccttgt ggtacgacag gcccaggat      480
gtgttcatgg agtttttgtg tgaggacagc accgatgtcc acgtgcttat tgaggatcac      540
cgcatttgtg tcagctgcaa gaatgccgat ggagtggagt tgtacaatga gattgagttc      600
tatgccaaag tgaactccaa ggactccag gataagcgt cttcccgctc tattacttgt      660
tttgtgagaa aatggaagga aaagggtggc tggccgcggc ttaccaagga ggatatcaag      720
ccagtgtggc tgtctgtgga ctttgataac tggagagact gggaagggga tgaagagatg      780
gagctggctc atgtggaaca ttatgcagag gtgagagaca acacctactg tgttctgccc      840
acttgatcat tctttgtgtt tctctgcaca catgtctctg gaggattgtc actggggcca      900
agcagagata tgcaagctct ctaggcaggt tactcattga tgctgatatt ctttacgtat      960
tttgtgcaat gtttatttaa tagggatgag aggaaagaat attattgaaa ttatatacat      1020
tgattcactt attcagtgtg gagcctgtat tctgaagaag tttgacaaaa cggt      1074

```

```

<210> 7388
<211> 1111
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (882)...(245)
<223> similar to gi4929705 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7388
tttttttttt ttctgcagca gattttttatt agatggaaga taacaagcat tacctcatag      60
gtaagtggta agaaaatggca agtacagcca agccacagag gagtgaggac attactggct      120
atgggaatgg gtacttatga aatctaaggg ttgggtctcc tgatgaactc taactaccca      180
gtaagctctt ctctttggca ctcaatatga ccaactgctg catgaaaggg tctacagtag      240
ctacttcaac ttggccaaca gttcttccag ttctggctga gctttgaatc gtcccttgaa      300
gtcttcttca gtgtgctcct tcaactgacag tctgactcct tcaggaagac tgctttggat      360
tatttccaaag aaaatttctg caaacgtagc actcaaaccg ctgatctgaa ccaactcgctc      420
atgggtggta agcactgagt ccaggagcat tttgctgcct tggctcctgca actgcaacac      480
ttctatgggt ttggttggca ttgcataact ttctcgact ttaatggaga gagagtgtgca      540
gaggttgtga acatactggg cataactctc tgccagggtc atatcatatg cagtacagatg      600
aatattttaa accccatatt cataatctgt ccccaaatta atggctctca cttccacttt      660
tcccttcttc ttcttgggct cttctgcttt aattaagtgc ttgtactttc caatgccgtg      720
ggtgggcttt gtcttgtagg gccgactgat acttagtaga attccaccta cagaatagat      780
gggcttctct cctgaagttc taaaccttaa gagagaaaag gcttgcttaa aaatgggtatt      840
gttcctcagg cacagcacct tttccaaggt tccgctcatc ctttgctgct gcgcggcctc      900
tagctgtgca aaccgaagac cggaccctgc agccgcgttc ccagggcgtc tgaaaacact      960
gaaggaacgg ccttgaccag gtgcagcagc aatatccac cgagactcac tcaacttcca      1020
catcatttta gttccggaag cttctgaaat tcagagtcta gaaattctcc tgctttccac      1080
cctcactcag gttgcacatt cactgctgtt t      1111

```

<210> 7389  
 <211> 1108  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (26)...(333)  
 <223> similar to gi2239219 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7389

tcttcaggga	gaggaagccg	gcggcctcac	tgctatgggc	cgcaacaaga	agaagaagcg	60
agatggtgac	gaccggcggc	cgaggctcgt	tcttagcttc	gacgaggaga	agaggcggga	120
gtacctgaca	ggcttccaca	agcgggaagg	cgagcgaaag	aaggcagcca	ttgaggagat	180
taagcagcgg	ctgaaagagg	agcagaggaa	gcttcgggag	gagcgccacc	aggaatactt	240
gaagatgctg	gcagagagag	aagaggctct	ggaggaggca	gatgagctgg	accggttggg	300
gacagcaaag	acggagtcgg	tgcagtatga	ccacccaac	cacacagtca	ccgtgaccac	360
catcagtac	ctggacctct	cgggggccc	gctgctcggg	ctgacccac	ctgaggagg	420
ggctggagac	aggtctgagg	aggaggcgtc	atccacggag	aaaccaacca	aagccttgcc	480
cagggaagtcc	agagaccccc	tgctctctca	gcggatctcc	tccctcacag	catcactaca	540
tgcacacagc	cgcaaaaagg	tcaagaggaa	acatcccga	cggggcccagg	actccaaaaa	600
gcccccaagg	gccctcgtta	ccagcaaggc	ccagcgccgc	cgtctcacag	gcaaagcacg	660
gcacagcggg	gagtgagacc	gagaacgaag	cgggtgcccc	gtctaggctg	cggggacctg	720
tccttgctca	gcttggtgtg	ccctgtagcc	cagcctgcac	ctaggtaatg	actgcacagc	780
tcaaggtttg	gaagccagga	cctctctggc	ctggggccag	ctgcctttgc	ctgggggtcag	840
ctgcctttgc	ctgggggttg	aattcccgaa	ggagcaggca	gctgagagca	ggcctcccc	900
aggaagagcc	ttcagagcca	cgtgggggca	tcttcccaaa	tgtgcacccc	acctggcact	960
catcagattt	gtgcgcttgt	gatttgtttg	tccttgatac	cacgcacaag	ggcaggtttt	1020
tgggggtggtg	gaaatggcca	gggcccattg	gtctgtctcc	agcagtttagc	cctgtggctg	1080
caataaagta	cagttctccc	tgtgttaa				1108

<210> 7390  
 <211> 1224  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1121)...(695)  
 <223> similar to gill185119 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

&lt;400&gt; 7390

```

tttttttttt ttatacaaca ttttcagcct ttattgagag tacagtcac c atgccaaaat 60
tcatccatca acatacaacc ttatttccca tctaaagtta atgagaatgt attttatttt 120
aaatgggaca tagaggcaac atgccaaaga ttaaagtaca accataaagt tttagtttca 180
cactttgaat atcaacaaag cagtaattcc taaaatcatg aaaacatgat aaagtatcta 240
tacagaaaaa aatgaacatt taagtcattt cagcctttct taatatcata tagtgaaaac 300
agatgtacct ataatttcag cctacagata gcatacttca taaggtcatt attcatttaa 360
aatagtacaa atgtttacaa agaacatttc acttaaattt cacagctgct tataaaatgg 420
tacttgcaag actgacctat ataaagaaat aagagtctca tcaagagatg gtaaattata 480
aatatataat atatcacaaat gttaaaatcc tcagtgtctaa tcaataagat aatgatcttt 540
ggagaggaaa gtatttagct ttacatattt actgtgaatt tacatattaa taagaaacac 600
atttaaacct tgccctgccca cagaattatt ttgcgggggg gggggggggg gdagatgtac 660
tttttgaaata tgtgtacatc aaaacaaaaa agttaacttt tactttttcc tttattggca 720
acttttgatg catttttcga ttttggttcc cagagggcat tttttacaaa tcttgaagct 780
gcacctctgt ccagcttgcc agcctttttc ttgtctgtta tttccttgac tctgttcata 840
tatactctga ttctttccaa ttctgtttt actggatgtt ccttaggatt aactccttgg 900
gttgccaaat aaaccacaaa cattgaattt aatgtgtatg cagaaaccaa atccactttt 960
gcttgttcaa gtggatccaa cttctgcaac aactcatttc tagaaacaga catcatggtc 1020
ttcagcatct catccacagc accaatggaa ttctcaaacg ctgacaaata ctctgtgaatt 1080
tctactggat agtcttcatt aatttcttca cctgccatta tggctgacca gctctgtctc 1140
tcacctcct ccgggggttct ataggtactc cttgcccttc cacatactcc ttctaaaaca 1200
ctggctcacg gccttcgact ccag 1224

```

&lt;210&gt; 7391

&lt;211&gt; 1699

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1700)

&lt;223&gt; n = a,t,c or g

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (116)...(1140)

&lt;223&gt; similar to gi2648830 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

&lt;400&gt; 7391

```

gtagggaaaac tgtgagggcg gcaccggaag tggcgagcag tctgcgcgcg gantggccgc 60
agcggcgatg gcggcagcgg caggtggagg ggctggcgcg gcccgctccc tctcgcgctt 120
ccgaggctgc ctggctggcg cgctgctcgg ggactgcgtg ggctccttct acgaggccca 180
cgacaccgtc gacctgacgt cagtcctgcg tcatgtccag agtctggagc cggaccccg 240
cacgcccggg agtgagcgga cagaagcctt gtactacaca gatgacacag ccatggccag 300
ggccctggtg cagtccctgc tagccaagga ggcctttgac gaggtggaca tggctcacag 360
atttgctcag gagtacaaga aagaccctga caggggctat ggtgctggag tagtcaactgt 420
cttcaagaag ctctgaacc ccaaagtgcg cgatgtcttt gagcctgccc gggcccagtt 480
taacgggaaa ggctcctatg gcaatggagg tgccatgcgg gtggctggca tctccctggc 540

```

```

ctatagcagt gtccaggatg tgcagaagtt tgcccggctc tcggcccagc tgacacacgc 600
ctcctccctg gggttacaatg gcgccatcct gcaggccctg gctgtgcacc tggccttgca 660
gggcgagtc tccagcaagc actttctcaa gcaactcctg ggccacatgg aggatctgga 720
gggtgatgcc cagtcctgt tggatgccag ggagttgggc atggaggagc gtccatactc 780
cagccgcctg aagaagattg gagagcttct agaccaggca tcggtgacca gggaggaagt 840
ggtgtctgag ctagggaatg gcattgctgc ctttgagtcg gtaccacacg ccactctactg 900
cttcctacgc tgcattggagc cagaccctga gatcccttct gccttcaata gcctccaaag 960
gactctcatt tattccatct cacttggtgg ggacacagac accattgcca ccatggctgg 1020
ggccattgct ggtgcctact atgggatgga tcagggtgcca gagagctggc agcaaagctg 1080
tgaaggctac gaggagacag acatcctggc ccaaagcctg caccgtgtct tccagaagag 1140
ttgatgaggg ctacagctgt tggggctctg ccaggctccc tgggaccaac tacagctcca 1200
atcagaaacc ctgcgcttcc ttgagtgtgg cttccactt ttctgcatt gtggagctga 1260
ctgagtacac cgggtgaggct ggggtctctg caggggaggt cactggaaca gcgagcaagg 1320
gactggtgcc tcgctggtgc tgggtctctg gtttctgca gagcgtagg acactcctgg 1380
ctcctcagta ggacagacag acgcaggcgg gtttattttg gaggggtact tgtggcattt 1440
tctgtattg tcttgacat gggatgtggg gaggtggaaa tgatgagcag tagcatcatt 1500
tctccctgtt gggttttagc cagtttgcca gcaagcgcct cctagcaggg tccccgagca 1560
gcaggtttgt tggtgaagg gacaggcact tgcattccagc tgatctaggt cacacctggc 1620
tcttggtctg catgtggctt attaacagct tccagtggaa gtcgcaataa acagtttttg 1680
gtaaatctca aaaaaaaaaa 1699

```

```

<210> 7392
<211> 1568
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1007)...(624)
<223> similar to gi2388963 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7392
tttttttttt ttaagtcaca gaaactttta ttggaaagaa acgagctgca gcaaagtgac 60
actcagtgc cgcggccaaa tgggcgaggt ggggtacag gtgggcaccg gggccggccc 120
aagaccagag ccggtgactg ctggggcctg ctcggtgggc ctccggccac agaccctttg 180
ggctggagtg tgcaggccca gtagaaatac aaaaataaac tctgcggtcc agctgtccct 240
gctgtggcag ttcatattgg cagggcagtc gctcctccca ccaggccccc tgctgacaag 300
tccggccaca gcatgggcag caggagtctg aggggtgagt gggcatccac aggatggagc 360
caaagggcta ggcaggatat gccttgggca gtgccaggac tgtggcagcg ccagggtctg 420
gccagcagct ggggaggccc caggggcctc tcagggtggac aggtccaggc attggttgaa 480
gctggatgaa gctggggcct cggtcctcc tcatcaaata cagatcactg ggaccctgtc 540
ctcctccatg gtgctggtct cctcggcccc actgccctg cttctgctt cttcctccac 600
ctcctcctcc ccagctcca tgtccagctc gttgcctgct tctgagggtg ttaggtgga 660
gccactgatg gaacggcagc taaagaagac gattcgcttg agccgcttgt ttagaagaa 720
gtagttgaag gaccagagge taccatctc cccgaaggga tctgagtcca agtctgggtt 780
atagctgtag atgtcacatt cagccaggca gatctcctcg tccaccgctg tccacagctg 840
tggtttcaga tccttgaagt cctcccgcac agctgagaac agactgcagt tgactgcatt 900
caccacccag ctaaggctgg gctcccggct gaactcatgg ctgcccggct tgctgaagtc 960
atagtcaggc ctgaaggact cattgagcgt ggcaatcagg tagaagaggg tcttgccggct 1020

```

```
gcacttgctca ctgagggggc cctcctcctc accgccttgg cttttgctga gtctgctggg 1080
gctcagtcct gaagtctggg gtggagaaaag tgcctccagc acgtggggct ggccctcctg 1140
gcagaactgc ttgaacatgt gtttgctgctc tcctgccatc ttacatgagt agctctcaat 1200
cctgccaatg atgtgggcat ctccgggtctc cacagtcagc tgtgagttga tggcttcaaa 1260
gctcgagttc tccaatagct tcatgtcttt gggaaggag ctccgtgctc cagaggggct 1320
agtattgcct gcctggctgg gttagatcca ggccgcgccg agccgggtct ggctgggctg 1380
agctccgcgt cggtgccggg gcgcaggcgg ggccgggctc ggcagcgcg gctcttcaag 1440
atcgaggcgg gcgccggcct ccgctcgggc cgcactgtat ccgggggaag aagtccgcgg 1500
cgacgtccca attaacatca cgccctgcac gcgatccggg ctgccaccgc gacatagcct 1560
cgccccc
```

```
<210> 7393
<211> 1524
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (89)...(485)
<223> similar to gi975631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 7393
ccgcgaaacc tagtgctgaa gtaggcgcgg acgtgcccgg tgcctggcgc gtggtagcag 60
gcgcccggtg ccccgccggg cgaagaccat ggcgttcatg gtgaagacca tgggtggcgg 120
ccagctgaag aacctcactg ggagcctggg aggcggcgag gataagggag atggggacaa 180
gtcggcagcc gaagctcagg gcatgagccg ggaggagtac gaggagtatc agaagcaact 240
cgtggaagag aagatggagc gggatgcaca gttcacacag aggaaggcag agcggggccac 300
actgcggagc cacttccgag acaaataacc gctacccaag aacgagacag atgagagcca 360
gatccagatg gcaggtggag acgtggagct gcccggggag ctggccaaga tgatcgagga 420
ggacacagag gaggaggagg agaaggcctc agtccttggg cagctggcca gccttcttg 480
cttgaacctg ggctcactca aggacaaggc ccaggccaca ctgggggatc tcaagcaatc 540
agctgagaag tgtcacgtca tgtgaccact tccccgggt taccactgg gctgggcccc 600
catgagggct aagagtgtgt caacttcag ggaccatac tccatttggg gctttgtttc 660
ccttgcccca tcctagtctc aagacctttc ccatccatgc cccaagccta tcttctggtt 720
tcttctctc cgctgggagt aaagtcccca tcttactct acccttcagg accctcccca 780
ccagctcagc ctgtggaggc ctcccaagat tgtaggaata ggcccatccc tctctggcca 840
tggccccaag ttcttcgaca caggagcacc cacagagaga cacacacagg acacaaaacc 900
cctggcacgt tcagagacag aagccacaga cacatcccgg cacagacaga cacacacgag 960
gccagctccc ttgctgttcc agcccctcca gacaccacca ctgagaaact ctgagagaga 1020
gcatgggcag acaccctcag cagacaggag gcctgagttc cagtctccac ctttattggt 1080
cttgaaagcc cctgctctct ctgagcctta tttcatcatc tgtaaaatgg gaatgtcctg 1140
aatgacttct aaggtctctt ctggcttgaa ctgtcagagc caagcccaca tccctccttg 1200
ggcagggcag cagctgctgc cacagcctcc agcggctgcc actgtgggct ctgggagccg 1260
gagcgatgct gtgtgagagg cagagtgcc aagatgaagg tggcactgaa cagtaagcgg 1320
ctccaggcct cctctgggcc cagggcccag ccaatttctg ttctgttcct gtagaacgct 1380
ctctggattc catagctgga atctcctctc ttagctcagt gaaaaataaa aatcccaaat 1440
ggtgtgccta cttccact tcttactggc ttccaggagt cttggagttc atagccccc 1500
gagcctgcct taaaggggtg cctc 1524
```

<210> 7394  
 <211> 1463  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (77)...(892)  
 <223> similar to gi29636 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7394  
 cgccatgctt ggcacgaggg agcccagccg gcgcggagcg ggagcgggtgc aggctgaggt 60  
 ctccgagcgg ctccgcatgg ctggcccgcg gcagcagccc ccttacctgc acctggccga 120  
 gctgacggcg tcccagttcc tggaaatatg gaagcacttt gacgcagacg gaaatgggta 180  
 tattgaaggt aaagagctag aaaacttttt ccaagagctg gagaaggcaa ggaaagggtc 240  
 tggcatgatg tcaaagagtg acaacttttg agaaaagatg aaggagttca tgcagaagta 300  
 tgataaaaac tcagatggga aaatcgagat ggagagctg gcgcagatcc tgccaaccga 360  
 agagaacttc cttctgtgct tcaggcagca cgtgggctcc agcgccgagt ttatggaggc 420  
 ttggcggaag tacgacacag acaggagtgg ctacatcgaa gccaatgagc tcaagggtatt 480  
 cctgtcagac ctgctgaaga aggcgaaccg gccgtacgat gagcccaagc tccaggaata 540  
 caccctaaac atactacgga tgtttgactt gaacggggat ggcaaattgg gcctctcaga 600  
 gatgtcccga ctccctgcctg tccaggaaaa cttcctgctt aaatttcagg gcatgaagct 660  
 gacctcagag gagtttaacg cgatcttcac attttacgac aaggatagaa gcggctacat 720  
 tgacgagcat gagctggatg cccttttgaa ggatctgtac gagaaaaaca aaaaggaaat 780  
 gaattattca cagctcacca actacagaaa gagcgtcatg tccttggcag aggcagggaa 840  
 gctctaccgc aaggacctgg agattgtgct ctgcagcgag ccccccattg aaagtgggga 900  
 cgggggctgc ttctccacct cccccaacc ctgcttctgc tgccctgatg cgtctacca 960  
 gactcagaga ccgtgagcgc cccgccccca cccctacagc ctgcacacac ctgcctgcag 1020  
 agcaggaaat gagagataga ggatgggcag ctggggggct gtccctgagcc ccctgcaccc 1080  
 accctgccc aggcagtctt tgctcagtg atcacacaca tggaagggtga tgggggcatg 1140  
 ggtggagggt ccctaattct cttcgtctgt atgcatgagc tccctcgctg tatgatttag 1200  
 gcttctatgt ccaacagagt ggactcttcc ctctcgctcc cctctgcccg tcccccatgc 1260  
 caccaccac cccaaacttc caggttccat ccaccacctt gccaatgggt tagctgtcct 1320  
 ctcagaactc ctgtgtgtgg aaggcaccg ccctttcctt gccttcttta ctggcgctgc 1380  
 tccttttctc ttgggtttc ttgtttacca aagaagagtt tacagacaat aaatggaaa 1440  
 ggtcctgctg tggaaactta aaa 1463

<210> 7395  
 <211> 1166  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (759)...(103)

<223> similar to gi387048 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7395
tttttttctg tataaagcca aagaccttta tttcttctctg cctccccgtg ggaagcctcc 60
gccctgaggt ccgctggccc accacccctg ggtgctcagt ttctaccaac atgagccagc 120
aagtccttgt ggtagccctg gggtagcctg tagtagactc gggctcctgtc cacagcccta 180
gctgccagca atgctgtcct cacagaggca tagtcgcccc cagctggggt gtgctccact 240
gtgacgggtg cccgggggga ggatgccagc agcctgccta tggctccagc tgtgctgtgg 300
cccagcagca tggcctgcat ctggaaggac acagggtgcc agagcccctg gcacaactct 360
agcatatctg tgagcagctg ttccctgtag ccaactgccc gcacctcctc aggccagcct 420
ggtgccacag tcacgtgggg gaagacctca gccacagctg taagcagctc tctgccagcc 480
acatggccgg ggaccgaaaa actcccgtgg gagattttg cccaaccca cacaggccaa 540
tgcaagaggc caaggctgga gaggcgtgcc agcaaggcca gggatggccg gagggctgcg 600
ggctccgcta tttgcaaatg gatgcccag tgtccgggat gtgtggccag ctgctgcagg 660
caggactcca gcgtcaggat gttgccactt ggagtatgaa caatgggcac ggggttttca 720
gccacagttc cctcgaggcc agtgttcagc aggatcatgc cttctgtgtc tggaagaggc 780
ggcagaggca acagtgttta ggatttgggt tatcataagg tgttaagagt cccttgttaa 840
aggggcagtg ggagttatgg ggtcatcaag gaccttgcc ctctggaatc tgtcaaccca 900
gttttgggct ccagggtggat ggggttgctt ataaatgtgc ctggtgcatg agaaactctt 960
gtttcagctc ttggccttta cccatgactc agcctggggg ctggtgcccg ccttgccctgc 1020
agcaatgtag ctgaggactg gtctgaaggc caggagccct gtgctcttga catcactgta 1080
ctccctctcc ctccccgcaa ccctgcccc ccttgcatcc agggtatggt gtaataaaac 1140
ctgtgttgcc atggcaaaaa aaaaaa 1160

```

```

<210> 7396
<211> 1080
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (927)...(522)
<223> similar to gi1001603 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7396
tcactttaaa cttttggaaa ttttaatggt aaaatcaa atgtgtttttc tgggctctta 60
aacacctctg ctgtttatgt agttatgcag catgtcaaga agcatcttaa gacagaaagt 120
ttcaaatagg tcacattctt ttggctcttc tactcaattt ctctctgtga tcaacagcag 180
gctgatgcct ctgtttgaca ccccttctg ttaagatatt attgcaatta gatataattta 240
caagaagact cccccgcagc gcagtgggga aggtgggagc tcctcttcgg caatccactc 300
actagttttg gtttcgggat atgaaggcca ggactcgtcg aataccattc agtctgtcct 360
ttaaggacct cattgctagg aaggggagct gagctcggct ttccaaggga agaactgcta 420
acatccacca gcaccaggct gggccattcg ggttcatctg aggatcggcg tctttctccg 480
gcatgggacc aaagtgattg agtatccgat tctttaggga taatttgagc gaatgaaacc 540
acaatgacgc ttgctgatag acacagttat gtaatcccat gagctcagca caatcctctc 600

```

```

cctgaacctt ttggtcttca atgtattcaa tgtcggctgt gttgtagcca tcccgtggc 660
tctgatggag caccctgaag cgcctcttgc ctatgctgtc aaccactgag cggccatcag 720
caaagaattg aacatttctg atctctagga tgcagccata ttctgcaaac cctttgacag 780
gatctccaag gcacatgcca aactgtctcg tgcctgtctc aatgcatcta cgaatcatca 840
ggcggtaaca aggcctaaaag atgtgcaggg gacaaggaac ggtgggatag gccatagtac 900
acacgaaaaat aggcacattc ttattaaggt tagaaagttc ttccatttcc tcttcataaa 960
gcttccttcg ttccttcagt tcttctggaa ggaatttagc tatgagctcc tccattatta 1020
catttttgct gtattttctt gatgccaagc actgtgaaag accgtctttg cacaatggac 1080

```

<210> 7397

<211> 4698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4487)...(2744)

<223> similar to gi4240243 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7397

```

ttttttttt ttctcattac tcatgatttt ttttaattta acatatatag tacatgtaaa 60
caactggcat aaaattcata aaaatacaat actcctatgc aatatcactt tattcctgat 120
acatactttc attttctcat taatatcact ggcctatttt aacactatat ttttttggc 180
aagcattttt agagggctta tcttttttaa ggaaatacag gcccccaact ttgttttcgg 240
aaaatgttgt aggcaatagg ctatttttga tcggcttctt tggcccatc cttaattttc 300
ctcactactaa aggcaaaaat atttggtaaa tggctaacaa tatgcaaaaa cactgaacct 360
ttaatactgt tttgtacgcc ctatgggaac ctgctaccaa tcttgcatg cccatcaaag 420
ggtggtggga tgctcccaca gtggccttgg gctgcggagg ctgtgggcca cgggctggca 480
tagggggggg gaccttcagg cctctggctc caaactggct cccctaatat atagccatat 540
tttgctgggg gttacattca taaacactgc taaaaagga tcttcttga aaaagctaatt 600
ttatattact ttaattggtt cccagcaaat gaagcagtta taatagtatt ttaattgctt 660
ttttcctata cagaatttct acttattaca tgtgaacttc tttggaagga aattactggg 720
ggtgagaaaa atataaaata aatgtaaaag tataattttt aaaaattgta actgctggat 780
gtacacaatc agccacactc aggtgagcaa caatcacaga taagcagcgc gcacctccct 840
ctccctgctc atgtcaactc ccatcctcag cctcaagtgt ccaccgcca ttttcttga 900
ctgttgtgca tcatcgctca aatgttgctt ttaatccaca aatcaagggc tgcttcccta 960
ttttctaaaa ctagcaaaaag cctaagaaat aaaaacagtc aaccagcaaa tgagaaacag 1020
tggccacaaa tctgaagaac gctgccagag tccctctcct gggctgcctc cagggaagga 1080
gcatccctgg gagctgcggc tctaggcgct ggcacaagac tggggggcgg tgcttctctg 1140
agggcacact cctcagcctt tgcagctgac ttatgtcagc aagctgctgc ttccccggga 1200
ccaggcctgc ccttgggctc tggtagaag gtagaaaggg aacagcggct tccaggagt 1260
ggcaccagaa accatgcctg aggactaagg tctgaaggac aatccacaat gaggttaatc 1320
tgcctgttgt taagaaagag aagctgtata attaaatgtg tagtctgtca gccatagtca 1380
cgctttgctt agaattttaa accctaaaac cttttctcag agctatgagg tttcatcggt 1440
ttgaagaatc tcatttcaca caaattaact tctaagaaac aaaaattcat acaaggaatt 1500
caaagaaggt gtagaaattt ttcaaaataa aaataaatag gaagaaaaaa actaaagagg 1560
aggacgaaat atacttattc cttatactga aatgatggtt tttagaacca aaattataac 1620
ataaggctta aggctttgtc ttatttaaaga caggcaatct taaaagtaaa atataaaaac 1680
tccatttatc attattcttt acatttttga cagcaaaatt agtcatgttt tattgtatct 1740

```



taatagtaaa	agaaaaatta	ccatgtacta	cagtctactg	ttccactata	aatgatgtct	1800
aatcaaatat	acattagttt	ctagatgcac	tatatattg	gttggttcaa	atagtttttc	1860
ttaaaactat	aattaaacat	gaaaaaactt	taaagtgggt	taaaggtatt	aaaatataaa	1920
catttgaata	atgctaataa	tgagaaaaat	acagttacca	ttaatttttt	ttaaaaccaa	1980
gaataagtag	ttgataagca	actaaatgag	taaacagtac	ttatttgaca	gaaaatatgg	2040
ggaagaggag	aagagagaga	gcaagagaga	gagagaaaga	gacacgataa	tgccatatgg	2100
ctggaagtta	agggaatttc	ctaaccacaa	ggtccaagag	tttggtattaa	taatgggcag	2160
gaaaagcttc	attaacaaga	gaacagagaa	caaaaagcgc	acaaggaagt	aaaacaaaca	2220
gatagttcta	tatagcaaac	actccatgtc	tgccccatct	actgtaactc	aagttgatga	2280
caggggctga	catgaccgaa	gaacttacaa	tcactgaaat	gtccaaaaga	caagagcaag	2340
aggcagaaaa	aagaagcaag	gggcattaat	agttctttaca	ctataaaatc	agccccatac	2400
ttgtcagaat	tgtcctgtat	tttcatgtca	tccttgtcac	aaccactgt	gttttcttta	2460
tacaggtagc	tttgctcact	ttagcacaaa	tattaaagtc	aagtacaagc	atatactcat	2520
ttgcatagca	aatttttaaag	ggtgcattga	aatagtaacc	aattgataaa	ggtgtaagtc	2580
atttttataa	ttagaatgac	attcaaattg	accaataaac	acgtttttcta	tttgaaaaca	2640
gttacctata	aaagtttttg	ggatatgaac	aacacatgac	ttagcaaaac	attaaaacca	2700
ttacagatgt	agttctccgt	aggcagcagg	tcattgtagca	gtcattcttt	tacaacttct	2760
aggactttgt	aaacactggt	ctggaatata	gtggtgaagt	gaggtttgga	atccttcacc	2820
aagaggtttac	ataagggagt	tttcccagca	ttggcaggat	cttctacatc	ccaaatttca	2880
ggcatactgc	aaccaggctt	ggatcttctt	acacaccatg	actcttctag	aatgtaatat	2940
ttcactttta	actttatcag	ttctcgcttc	acttcttcgg	ctgctttccg	actatacatt	3000
gagtatacta	tttttgttct	ggctctcaag	cctgcgtctt	cataatgtgg	atgattcaca	3060
atgggccgaa	gtgcagagag	cttaacactt	gccatcggtg	gcatggcacc	cgcaaact	3120
gcatctgggt	tagtactata	tttgatccat	tctataagtt	cttcttgggg	caaattgctg	3180
aactccccta	caatattcca	ctggggttgc	agatttgctg	aaccttgat	tgacattgct	3240
gctaatatag	caaacacaat	agcaccagga	tgtactttgc	aaaagagcca	tccaaatagc	3300
tgtcttgagc	agatcagtga	tgccataaca	cacatgtgtg	gtgtcaagaa	gagttttagt	3360
ctcataatta	aaataccaag	ggctgtatat	gtaacaatt	gcaatgcatg	gtaaaccagc	3420
tctccatgat	caaactgggt	ttttcttaca	tgtgtctgtt	gtttagctaa	gacaccccac	3480
atatcactaa	taatctttct	aacaatagca	acaaacccta	caagaacaac	tggaagcaat	3540
aatgtctttg	tgtatctcag	tggagtctct	ttttccataa	agtcaaaactc	cgctgcacag	3600
gtatacaata	aagtatcaaa	atccttataa	ctaaagaatt	ttgatgttag	taagttgccca	3660
atatgagcgt	catttgcaat	acaaaaaatt	ttagatgtca	agtattttaag	tatgacagtt	3720
ccaaataaacc	aaaaacatcc	ttgaataaacc	cataaaactaa	gttcagatac	atttattttc	3780
aggaaatgtg	gtttcattgc	cagaataccc	caaataatta	ccaaagaaga	agcataataa	3840
gaagtttaata	acattgagtt	cccaaacatc	aaaacaaaac	aaagtgcag	agaaatcatg	3900
tgtatataaa	tgatcttccg	taattttacat	atatcaatgt	acccgacaac	atatactgca	3960
aataatgatg	caatctgagt	aagaagtaca	aactgagcaa	actgccaaag	aagcatgaaa	4020
aatacattgg	aaatgcagag	tgcaatcaag	cttcctctat	aaagttttgt	agccctgaga	4080
atatgagtca	ctagcaacat	ctgaagaaca	agaaatggat	atgagaagct	ttcacggaga	4140
ggtggtgtcc	acattacacg	ggtacactct	ccatgattga	aaaagaagca	caacactgta	4200
accaggcctc	ctaactggct	gccacttaaa	tatgtgccat	atatgaagaa	taatgccatc	4260
attagtccat	ttaaaataaa	aattacagca	acatagaagc	aagcaggatc	tcccaatcct	4320
tcacagcttt	cagtaggact	gagtccttct	cctatggtaa	ccgtccaaca	tatcttggtt	4380
tgaataccaa	tcaagtccat	tatttttggt	taaatccggt	accaactggc	caaaattacc	4440
tcagggtaaa	gattgaatct	ttttaatgta	ttaatgacaa	gggggtattc	agtcagttta	4500
tcattcataa	tcattccatac	tccattcaaa	aatgaggggtg	cttcacaaat	agtccttgaaa	4560
taggaataat	atagtcccat	ttcagtgcga	aaagccatct	actatgttta	ttattttatct	4620
tctgtcttcc	ctctttcccc	cactctgtta	gaatgtagta	atatgaatgc	tggtgtattc	4680
cacatgcctt	gacagttg					4698

<210> 7398

<211> 444

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (55)...(130)  
 <223> similar to gi950109 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7398  
 cggaacgcgtg ggccggacgcg tgggtagcgc cttttttttg gaaacctctg cgccatgaga 60  
 gccaagtgga ggaagaagcg aatgcgcagg ctgaagcgca aaagaagaaa gatgaggcag 120  
 aggtccaagt aaaccgctag cttgttgac cgtggaggcc acaggagcag aaacatggaa 180  
 tgccagacgc tggggatgct ggtacaagtt gtgggactgc atgctactgt ctagagcttg 240  
 tctcaatgga tctagaactt catcgccctc tgatcgccga tcacctctga gacccacctt 300  
 gctcataaac aaaatgccca tgttggtcct ctgccctgga cctgtgacat tctggactat 360  
 ttctgtgttt atttgtggcc gagtgtaaca accatataat aaatcacctc ttccgctgtt 420  
 ttagctgaag aattaaaaaa aaaa 444

<210> 7399  
 <211> 1649  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (117)...(824)  
 <223> similar to gi4456768 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7399  
 ctattttgtt tcgtctggta ctcttgtctc tcgtttatatt gcttaactct gtagccacag 60  
 aagaaaggaa accagctgaa gttcttattg tcgagggaca acagtatgca gttgttgga 120  
 ccgtattgct gttaataaga attatccttg aatattgccca ggggtgtggat aacatcccat 180  
 ctgttactac tgacatgctt actcgtctgt cagatttatt gaagtacttc aattcaagaa 240  
 gttgccagtt agttcttgga gctggtgcac tgcaagttgt tggactaaaa acgataacta 300  
 caaaaaatatt ggcctcttct tcacgatgtt tgcagttaat tgtgcactac attcctgtga 360  
 tccgggctca ttttgaagct cgactaccac ctaagcaata tagcatgctt aggcattttg 420  
 atcatatcac taaggactac catgatcaca tagctgaaat atcagctaag cttgtagcga 480  
 taatggatag cttatttgac aagctgttat ctaagtatga agtgaaggct cctgttcctt 540  
 ctgcctgttt caggaatatt tgtaagcaaa tgacaaaaat gcacgaagct atatttgatc 600  
 tccttccaga agaacaaaca cagatgttat ttttaagaat taatgcaagt tataaactcc 660  
 acttgaaaaa gcagttatct cacttaaagt tgataaatga tggaggacct caaaatgggt 720  
 tggtcacagc agatgtagct ttttacactg gaaatcttca agccttaaaa ggccttaag 780  
 atttgacact aaatatggcc gaaatttggg agcagaagag gtgatgtcat cctggaaaac 840  
 tgggtagttc atctgacat gggatgtgtt tgttatgaag aaaatctgga tgctgtgat 900  
 tcgagaattg aacctgaaac ccaaagtga ctgggggtggg ggaagggaaa aaggaaagta 960

tcaagtgttg	ggaaactgga	ttcagtggga	tctacaagga	atgtcatttt	tgtgcatcct	1020
acagtgagga	gtaactgatc	aggtgtctat	aacatttttc	attctctctg	gaaacagact	1080
caggtttctt	tggaccaa	ccaaaagaac	acatagctgt	aacacagctg	tagttgacta	1140
gaatgctctg	tatactttat	attaaaaaat	gctttgcatt	tcttccagtg	caatgaaatt	1200
catatgggtg	cccaccttat	ttaatgatgg	tacaatttaa	aatcttagtc	aacttctgta	1260
gaaagttttc	tctatgaaag	taaagctggt	tgaaaaatta	ttattttttt	acagatcttt	1320
ctataaaaaa	taaacatctt	ttgattgctt	ggatttagga	attcaattct	tgtttcagtg	1380
accaatgtca	agttgcaggc	tttgtgtggt	gcatatttaa	tatttctact	accaccgtat	1440
gtcaactggg	taaagccttc	cagagctctc	taaataacctg	aaagacttaa	gccttttttt	1500
aagtaattaa	tacttaaaaa	aaaaagatcc	tggcatctat	ttatgcaact	aaatactttt	1560
cagaaatggg	atataaaagg	ctacagttta	atatctgtat	ttttataaaa	gtatgatgaa	1620
gggtttgggg	tgtttttatt	tgtagcatg				1649

<210> 7400

<211> 1671

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (41)...(1160)

<223> similar to gi3790610 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7400

cgtagcgc	gagtgctgg	gggcttacc	ttttcgggg	atgatgccg	gaaccgcg	60
gaaggcgtg	ctgctggcg	tgctgctgg	ggggctgc	accgcgacg	gtcgtctg	120
gagtgggag	ccagtctgc	ggggaggg	acagaggcc	tggtataaa	tcattttact	180
ccatgatact	tctcgaag	tgaactttg	ggaagccaa	gaagcctgc	ggagggatg	240
aggccagcta	gtcagcatc	agtctgaag	tgaacagaa	ctgatagaa	agttcattga	300
aaacctcttg	ccatctgat	gtgacttct	gattgggct	aggaggcgt	aggagaaaca	360
aagcaatagc	acagcctgc	aggacctta	tgcttgga	gatggcagc	tatcacaatt	420
taggaactgg	tatgtggat	agcgcctct	cggcagcga	gtctgcgtg	tcagtgtacc	480
tcagccatcg	gcaccgcgt	gcatcggag	cccctacat	ttccagtgg	atgatgaccg	540
gtgcaacatg	aagaacaatt	tcatttgca	atattctga	gagaaaccg	cagttccttc	600
tagagaagct	gaaggtgag	aaacagagc	gacaacacct	gtacttccg	aagaaacaca	660
ggaagaagat	gccccaaaa	catttaaaga	aagtagagaa	gctgccttg	atctggccta	720
cctcctaata	cccagcatt	cccttctct	cctccttgg	gtcaccacg	ttgtatgttg	780
ggtttggatc	tgtagaaaa	gaaaacggg	gcagccagc	cctagcaca	agaagcaaca	840
caccatctgg	ccctctctc	accagggaa	cagcccggc	ctagaggtc	acaatgtcat	900
aagaaaacaa	agcgaagct	acttagctg	gacccggcc	gacctgaag	atatttcatt	960
ccgagtgtgt	tcgggagaag	ccactcccga	tgacatgtc	tgtgactatg	acaacatggc	1020
tgtgaaccca	tcagaaagt	ggtttgtgac	tctggtgag	gtggagagt	gatttgtgac	1080
caatgacatt	tatgagttc	ccccagacca	aatggggag	agtaaggagt	ctggatgggt	1140
ggaaaatgaa	atatatggt	attaggacat	ataaaaaact	gaaactgaca	acaatggaaa	1200
agaaatgata	agcaaaatc	tcttattttc	tataaggaaa	atacacagaa	ggtctatgaa	1260
caagcttaga	tcaggctctg	tggtatgag	tggtgtccc	acgacctct	gttggaaccc	1320
cacgttttgg	ctgtatcct	tatcccagcc	agtcattcc	ctcgacctta	tgagaaggta	1380
ccttgcccag	gtctggcaca	tagtagagtc	tcaataaatg	tcacttgggt	ggttgtatct	1440
aacttttaag	ggacagagct	ttacctggca	gtgataaaga	tgggctgtgg	agcttggaaa	1500

```

accacctctg ttttccttgc tctatacagc agcacatatt atcatacaga cagaaaatcc 1560
agaatctttt caaagcccac atatggtagc acagggttggc ctgtgcatcg gcaattctca 1620
tatctgtttt tttcaaagaa taaaatcaaa taaagagcag gaaaaaaaaa a 1671

```

```

<210> 7401
<211> 1991
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1882)...(248)
<223> similar to gi671527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

00403225 "042100

```

<400> 7401
tttttttttt ttctcaaagt acttagatatt aatcatcgga agcaaactaa atggaaacct 60
tacaatagag aagaattaca tgtcagtgtc ttttggaaaa ctgagctggg acagaaaggg 120
actgggggct gccccccaac ctgatccctt ctgaacaaag acgtccacag tggtcctggc 180
actctggctc aggaaaaggg gagactctgc tggttctgtg cattgaagta gccttgcccta 240
gcactcactc ctggccagca tcaggagccc cgccttgccg gctctggtca tgccttttct 300
ttttgtggcc tgaaacgatg tcatcaattc gcagtagcag aactgccgtc tccactgctg 360
tcttataagt ctgcagcttc acagccaatg gctcccatat gccagttcc ttcattgtcca 420
ccaaagtacc cgtctcacca tttacacccc aggtctcaca gttctcctgg gtgtgcttgg 480
cccgaaggga ggtaagtaga cggatgggtc tggccccaca gttctggatc agggtagcag 540
gaatgacctc tagggcctgg gcaacagccc tgtatggcca ttgttccaca ccagtcattg 600
ccttgatttt ttctgtcaag gcatgggcca cagccatctc ggaggcccca cccctggcca 660
ccagctgagg gtccaggaga acattgagc acacttgcat ggcattcctga aagttgcggt 720
ctacttccga gagaatctct ttgctagccc cccggaggag aatgggtgcag gccttggggg 780
ctttgcagtc agtgatgaaa gtaaagtatt catctccaat tttcttgatt tccaacaggc 840
ctgctcctgt tccaacatca tcttctctca gttcctctgg tcggctgact atccgggccc 900
cacaggctct agcaatgcga ttattgtctg tcttcaggac tctgcggatg gctgtgatat 960
tggcccgcat aaggtagtgc tgagctaaat ctgagatgcc cttttcagtg atgaccacat 1020
cgggcttcag ttggataatg tcttcacaga gctgctggat gtactcttcc tccatctgga 1080
gaattcgggt gaagtctctc tctcgtgtaa tctcaatgtc agtctggctt tctcctttct 1140
tgtattccag agaagaatcc agcagcacia tgcgagggtt cttgatatag cgccgcatac 1200
gtggatgggt cacatccttg ttaatcatga ctccacgcaa gacacaggag tcttcaatga 1260
tgccctcagg tatcttttcc actcttgcat atttttttat gtcaatctct tcccgaccat 1320
tctcctcaaa ctgtaccatc ttgacagcat ccagggcaat gttgcaagcc aaagatgacc 1380
accgactgat ggcttttgta gtaatatagc tgttgatgat gttcagcatc atatcactgt 1440
cactgatgtc gactgggata cttattttct ttaggggtgt gatcatatca tccaatgcct 1500
tgcggtgaagc actgatcacc actgttgggt gcatctgctg ctccaggaag tgctcagcta 1560
cagacagcat tccccctgca agaataatta ctgatgtggg cccatctcca acctcttcat 1620
cctgggtccg gctaatttcg atcatggact tggccgctgg atgctggact tgaatctctc 1680
gaagaatggc attgccatca ttggtcatca caatgcctcc cattgggtcc aaaagcatct 1740
tcatcatgga cttgggtccc aaacatgttc ggatgatata tgcaatagtc ttggcagcat 1800
tgatgtttcc agattgaact tttcttccgg attcacgctt tgtgttctgg ctgagcacga 1860
gcactggacg atggcccatc atggcgacgc gatgcagagc cgggtaccca gagctggggg 1920
aaccggcaga accttctgga gagagagaac cagacagaag cccagaaaac gctgcctcct 1980
cagggccttac c 1991

```

<210> 7402  
 <211> 1463  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1453)...(194)  
 <223> similar to gi4808241 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7402  
 tttttttttt ttcacagcca attttcacac tgttggttca cattctcaca gccctcagca 60  
 caggtcacgt cccagcccag ctctgggact ttggttcagg gctcagagcc tctggtctgg 120  
 gctgatcgaa aacctccttt gacctgtgg cagcaggcgg accttggtctc ttctcgctct 180  
 taccagagc tcagggcagt gccccgtgca gtcgccccac ttccacgaag gcctccacgc 240  
 agcgggtcaat gtcttcctcg ctatgcaactg ctgagatctg taccgggatc cgggccttgc 300  
 ccttgggggac cacggggtag ctgaacccga tgacaaagat gcctctcttc agcatgtcat 360  
 ccgccaatgcg agaggccagc cgggcatcac ccagcatcac agggcagatg gggtgactgg 420  
 ctcccagat agtgaagcca gcagcttcca tcttactacg gaacctctgg gtcttgagcag 480  
 ccatagactg gacaatggtg ttactcccca tcagcagatc tagggccttg gaggcgagc 540  
 caacgacagc aggtggcaga ctggtggaga agaggatgg ccgggcgcgc tgccgcagca 600  
 gggacaccag gggcccaggc cctgtcgtgt agccccctga tgctccacc agggccttcc 660  
 ccagggtgga gttgatgatg gtgacctggt ccatcacacc cagcagctca tctgtgcccc 720  
 gtcctgtggg cccaggaag ccagtggcat ggcattcatc catgaagacc agggcaccat 780  
 atctagagc gaggcagcag atctcctgca ggggtgcgat gtcgccatcc atggaaaagg 840  
 ccccatcagt ggccaccagg cgcagccgat gcttctgggc ctctgcagc ttggcttcta 900  
 ggtcggccat gtccagggtg cgatagcggg acttggtggc ctgacacagc cggatgccgt 960  
 cgatgatgga ggcattggtc agctcgtccg acaggactgc gtctcttggg gtcagcaggg 1020  
 cctcaaagag gccgcgttg gcgtcataac agctgggata gaggatggca tcctcccgt 1080  
 ggtggaagcg ggctattttt gcttctagat tcttggtgat gctctgggtt ccacagataa 1140  
 agcggacaga gctgaggcca gctccaaact cctccagagc ctgcagacct gcctggatca 1200  
 cctcagggtg gctgctcagg cccaggtagt tgttggcaca gaagttaagg attcctccgg 1260  
 agacgccgtc cacgcggatg tgcggcccct gacgggacgt gatgaccgc tcaactcttcc 1320  
 aagtgccagc tccgcagatg ccttccagct cccctccag aatgccacgc agctgggcca 1380  
 gcgctgactg tgcgcggcgg ccgcggggca cccagaagag tgcgggcgcgc caggcggttcc 1440  
 caggccacat cgctcggcac gag 1463

<210> 7403  
 <211> 859  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (273)...(670)  
 <223> similar to gi2979568 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7403

ggaattcccc	ggagcctccc	caggccggcc	ctgggccttc	ccccaggaag	agccccacgg	60
ccagctcctt	cctgttcccc	tggcgcccc	tcgcttcttc	cttctggatg	ggggcccagg	120
gggcccagga	gagtataaag	gcgatgtgga	gggtgcccgg	cacaaccaga	cgcccagtca	180
caggcgagag	ccctgggatg	caccggccag	aggccatgct	gctgctgctc	acgcttgccc	240
tcctgggggg	ccccacctgg	gcaggaaga	tgtatggccc	tggaggaggc	aagtatttca	300
gcaccactga	agactacgac	catgaaatca	cagggtcgcg	ggtgtctgta	ggtcttctcc	360
tggtgaaaag	tgtccagggtg	aaacttggag	actcctggga	cgtgaaactg	ggagccttag	420
gtgggaatac	ccaggaagtc	accctgcagc	caggcgaata	catcacaaaa	gtctttgtcg	480
ccttccaagc	tttctcccg	ggtatggtca	tgtacaccag	caaggaccgc	tatttctatt	540
ttgggaagct	tgatggccag	atctcctctg	cctaccccag	ccaagagggg	caggtgctgg	600
tgggcatcta	tggccagtat	caactccttg	gcatcaagag	cattggcttt	gaatggaatt	660
atccactaga	ggagccgacc	actgagccac	cagttaatct	cacatactca	gcaaactcac	720
ccgtgggtcg	ctagggtggg	gtatggggcc	atccgagctg	aggccatctg	ggtggtggtg	780
gctgatggta	ctggagtaac	tgagtcggga	cgctgaatct	gaatccacca	ataaataaag	840
gttctgcaga	aaaaaaaa					859

<210> 7404  
 <211> 2210  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (199)...(1188)  
 <223> similar to gi4877999 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7404

tctctaggg	ggctagagcg	tcctcccgcg	ctcagtcgcg	ctgcaggtga	cggcgcccg	60
aggctgtcg	gaagtagg	gggtgacgtg	tggttgacga	gctcggcggc	gggtttgctg	120
agatctgtg	ccggcggcag	ctggtgcggg	gggcagctga	gagcgagagg	tggatcgggg	180
cggtgtgtg	ccagggccat	gacgggcaat	gccggggagt	ggtgcctcat	ggaaagcgac	240
ccgggggtct	tcaccgagct	cattaaagga	ttcggttgcc	gaggagccca	agtagaagaa	300
atatggagtt	tagagcctga	gaattttgaa	aaattaaagc	cagttcatgg	gttaattttt	360
cttttcaagt	ggcagccagg	agaagaacca	gcaggtctctg	tggttcagga	ctcccgaatt	420
gacacgatat	tttttgctaa	gcaggtaatt	aataatgctt	gtgctactca	agccatagtg	480
agtgtgttac	tgaactgtac	ccaccaggat	gtccatttag	gcgagacatt	atcagagttt	540
aaagaatttt	cacaaagttt	tgatgcagct	atgaaaggct	tggcactgag	caattcagat	600
gtgattcgac	aagtacacaa	cagtttcgcc	agacagcaaa	tgtttgaatt	tgatacgaag	660
acatcagcaa	aagaagaaga	tgcttttcac	tttgtcagtt	atgttcctgt	taatgggaga	720
ctgtatgaat	tagatggatt	aagagaagga	ccgattgatt	taggtgcatg	caatcaagat	780
gattggatca	gtgcagtaag	gcctgtcata	gaaaaaagga	tacaaaagta	cagtgaagg	840

```

gaaattcgat ttaattttaat ggccattgtg tctgacagaa aaatgatata tgagcagaag 900
atagcagagt tacaaagaca acttgacagag gaggaaccca tggatacaga tcaaggtaat 960
agtatgttaa gtgctattca gtcagaagtt gccaaaaatc agatgcttat tgaagaagaa 1020
gtacagaaat taaaaagata caagattgag aatatcagaa ggaagcataa ttatctgcct 1080
ttcattatgg aattgttaaa gacttttagca gaacaccagc agttaatacc actagtagaa 1140
aaggcaaaaag aaaaacagaa cgcaaagaaa gctcaggaaa ccaaatgaag atgttttcag 1200
atatgtacac atttctgctt ctgcacatat tttcatggaa accattatgt ataaagaact 1260
tagagcaaca tcctaattgg ctcagtgcac gtttggcaat agtgccagcc tgtcttgtct 1320
ttaatgcatg gattcataaa cttcttccct acctgcatca tgtgcatgta gtgcatatta 1380
aatgaaagtg atattaagaa tgctttccca aattccatta tttgacattg agtctgacaa 1440
ctgttagttt tctggttgct taactacat atgaagctag aaaatgcaca aacgatattc 1500
cttatctgta atttaaatac ttaaaatttg caattgtcag atcttgatta aactggttgt 1560
cttatttctt ctcatcatta acggaaaaaa atcagtattt ctatctttga tatctaagtg 1620
ttttgaggat tttaaaactg aattttatct gctataccag ttatttgaga aagtatgatt 1680
ttaatgtaaa tcatttaaaa aggacaaaag tataatttcc agtgattttc actgctgtca 1740
gtagaaaagt aataaacatc tcaattttat tttagtaaat tttcttcaag tgtttggggt 1800
tatttgttta tgtattagag aattgtttca ggaaggtctg agtattatgc ttcaaagcaa 1860
aatttcaggt taagaagaaa ttgtaaatct taaagaatgt tgggtgttact ctcaatggaa 1920
tattgtttca agcttgtaag ctgtgtataa aaaaaactgg aggtctgaca gttcatgtta 1980
tctgcttttt taaaaagatg gtagtggtga tgggggtctt tctatgccaa tttgaataaa 2040
tttcgtacag cctgcagttt tcaagagcca tatgtaattt gctcacaatt gattttttaa 2100
aattgatttg ggagttgctt tgtaataatc ttctgcttct aatcttcctt tgcaagtcag 2160
actttaaaag aagactttat aaagcttttt tttttaaagg aagcaacctt 2210

```

<210> 7405

<211> 3745

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (823)...(1688)

<223> similar to gi5420222 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7405

```

aagagcttct cggctctagg ctctggagtc ccgggagcag tgagggggcca cccggggcac 60
aggaaagggc cgctagggga gggccgggtg cactcggggg gtctggggcg cgggtctgag 120
ggatgaggag gggccatggc cagcgacggg gccaggaagc aattctggaa gcgcagcaac 180
agcaagctcc cgggcagcat ccagcacgtg tatggtgcc agcaccctcc ctttgatcca 240
ctgttacatg gcactttgct caggtccacg gccaaagatgc cgaccacacc agtgaaggcc 300
aagaggggtc gcaccttcca ggagtttgag agcaatacca gcgatgcctg ggacgctggg 360
gaggacgacg atgagctcct ggccatggcg gcggagagcc tgaactccga ggtggtcatg 420
gagacggcca accgtgtgct gcgtaaccac agccagcggc agggggcggc cagctgcag 480
gagggggccg ggcttcagca gaagcccagg cccgagggc agccgcctc acccccagc 540
ggcgacctcc ggctggtgaa gtcggtcagt gagagccaca cgtcctgtcc tgcagaaagt 600
gccagcgatg ccgcccctct gcagaggtcc cagtctctcc cactcggc caccgtcacg 660
ctgggtggca catctgacct cagcactctc agcagctcag cgctgagcga aagagaggcc 720
tcccggctcg acaagttcaa gcagctgctt gccggcccca acacggacct tgaggaatta 780
cggaggttga gctggtccgg aatccctaag ccagtgcgtc caatgacgtg gaagctcctc 840

```

tcaggttacc	ttcccgccaa	tgtagaccgg	agaccagcca	ctctccagag	aaaacaaaaa	900
gaatattttg	catttattga	gcactattac	gattctagga	acgacgaagt	tcaccaggac	960
acatacaggc	agatccacat	agacatccct	cgcatgagcc	ctgaagcggt	gatcctgcag	1020
cccaagggtga	cggagatttt	tgaagggatc	ttgttcatat	gggcatccg	ccaccagcc	1080
agtggatacg	ttcagggtat	aaatgatctc	gtcactcctt	tctttgtggt	cttcatttgt	1140
gaatacatag	aggcagagga	ggtggacacg	gtggacgtct	ccggcggtgc	cgcagagggtg	1200
ctgtgcaaca	tcgaggccga	cacctactgg	tgcatgagca	agctgctgga	tggcattcag	1260
gacaactaca	cctttgccca	acctgggatt	caaagtgaag	tgaatatgtt	agaagaactc	1320
gtgagccgga	ttgatgagca	agtgcaccgg	cacctggacc	aacacgaagt	gagatacctg	1380
cagtttgccct	tccgctggat	gaacaacctg	ctgatgaggg	aggtgcccct	gcgttgttacc	1440
atccgcctgt	gggacacctc	ccagtctgaa	ccggacggct	tttctcattt	ccacttgtac	1500
gtgtgcgctg	cttttctcgt	gagatggagg	aaggaaatac	tagaagaaaa	agattttcaa	1560
gagctgctgc	tcttctcca	gaacctgccc	acagcccact	gggatgatga	ggacatcagc	1620
ctgttgctgg	ccgaggccca	ccgcctcaag	tttgcttttg	ccgacgcccc	caatcactac	1680
aagaaatgag	cccaggccca	cccgacgtg	gcctcactgt	cccggtggc	gcgccccacc	1740
tgccctggctg	gtggtaggcc	cctgtgagct	gggtccgggc	tgctaaaagg	ccttgtgagg	1800
tggccccacc	ctccagggga	gctgggtgaag	atggggccaca	gacctggtct	agggctgaca	1860
aagacaggga	cagcctttgt	tttctgagat	accaaagaga	gccaggggag	ggccccgggt	1920
tcggcgggcca	gaggcaggct	aggggtcccc	tctccctctc	cctgcaatgt	ccttgccaaa	1980
tgactgcctc	gtgctgcccc	tagtccgggg	cagcctagga	ggccgaccct	ctttggagtc	2040
ctgctgtctg	ggtgccaggg	ccggaacgag	gtagtggcca	tctcatacct	actctgaaat	2100
gcaaaaacttc	tattctgttg	agtgaagaaa	taaaatgtag	acaaaatcta	gaccgagacg	2160
ttgcgtgac	ccgggggtctc	tgtgccgcga	ggtccccctca	cagctgtatt	tactgtctgc	2220
tggccctttc	cctccgtgtg	ttttcctgct	tgcttggttt	aaacgtggct	gggaagctga	2280
aggctggagt	ccaagccgtg	agcccgccga	gtgcctggga	ggccgtggga	ccaaaggctg	2340
ggagcagagg	gaggcctcgc	catcgcccta	ctttccacct	tgaacctctt	ttacaagaga	2400
gaaacccccca	cctccctgag	gtccaggggc	aagtggcccc	gccacgcagg	taggcgccgg	2460
cctcagccag	agccccctgga	ggcccaccca	ggctgtcggg	ccatgttggg	ctggcagacg	2520
ggcaggggggt	cgcgtccctg	tcatacaagc	cctgaaccac	agtgtctctc	tcaccgcagc	2580
ctggaagcgg	aatgagcttt	tggagacttc	ctgggacttg	ctgtccttgt	ccaggtctgc	2640
caggtgtagg	ggaggtgtga	ctgggtccat	catggaccgg	ttcctccgtg	gaccggttcc	2700
gccatggacc	ggttccgcca	tggaccactc	ctgccctgga	ccactcctgc	cctggaccgg	2760
ttctgccgtg	gactggttcc	cgccgtggac	cagttcccg	tgtatactgg	ttctgccctg	2820
gactggttcc	cgctgtggac	tgggttccttg	gggctctaag	tgcggaaggg	cccagagctg	2880
gtccctgccc	agcgccctgc	tagggctgtg	tccttggtctc	caggggcctt	gggactggct	2940
tcccagcgtt	ccctcggtgt	gtcacaggct	gcatgacccc	tggaatgcgg	gcagggccac	3000
agccacagtc	tgtctgatcc	ctgagcccag	gacaggctca	cgtcctcagc	gacccactgg	3060
tgactgactt	cccagactct	cctctgtccc	tcaggagcag	ccgtgtcctc	tcccaggccc	3120
taggacactg	ccagagactg	tgggacatac	aggcataagt	gatgtgtgtg	tttctgcttc	3180
tgttttaaaa	atccagggtc	attacacaca	gcatggaaat	tagcacaaaa	tgctgtgcaa	3240
acgtcagatg	ctcccaaacc	agcaaaggga	tgggcttgct	tcacatcaga	tgcgggcacg	3300
ccttaccctt	gccttccgtg	tccccacccc	aggggtcaag	gttcctcaga	ccagccatgc	3360
ctcctcctcc	tgccgcctcc	ttttctagat	ggggaggggga	ttccgtcaca	agaagagccg	3420
cccctcggcc	gtgtgcagga	agcccacatg	tcgctttgcc	gagatcagcc	ctgggaggat	3480
ccccttctct	agctcagatc	atgccgtgtg	gcccagaagg	ctgaggacac	aactgacctg	3540
cttctcgagg	tgggtgatgt	tttaaacagg	aagctccacg	gagttcagcc	ctgtgtgcat	3600
ttcctcatgt	atgtaaagc	caagactgaa	tgtgagagg	gtctgccgcg	ggccttaagt	3660
ctgagcagat	ccatctggaa	tgttcgggg	gtgctgtctg	gatgtgggtg	gctaaaaaca	3720
cgaataaaag	atcagtgcaca	aagcc				3745

<210> 7406  
 <211> 3420  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1205)...(2414)

<223> similar to gi3924603 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7406

cacttactcc	tccccagcaa	gagctaacag	ccctccttgg	gtgtgcactt	tctcctcccc	60
tgaggcacct	cgcgcatctt	gccgcctacc	tatcaatcat	cgtgctccgc	tgtccagatg	120
gctggccaag	ggggcggggc	cgctcgtgtga	cgtttgagc	ccgccggcca	ggaagccgcg	180
agatgcttga	cgagcgaagc	gcgtgacaga	agagcggttg	gccaacgcag	tggcggcagt	240
cggtgtaaac	aaggcctcgc	gccgctgcgg	gtcctgcgac	cgctcctggc	tgggtgggtgg	300
tctcgcgtgg	ggcggttacc	gccggcttca	gtgggaggtg	cttctcggct	tctccccct	360
catggcgtac	acacccccgg	cgccaccagt	gggcgtgagg	cgaggaagga	ggggtgttag	420
gccaaattct	attttcattg	gctgtcactg	ctgccggcct	ttgtaagggg	gcgctctgat	480
tggtcgataa	ggtggggggc	tcgagggtct	ttgagtccta	aggcttctaa	ttggttagat	540
gagataagct	agtgaagcgc	tttcttccga	gagggatttc	gatttggtcg	tcagagaggt	600
tacctggaaa	tccaacaccg	cccaacaccc	ctcccgcctc	ccagtcgggg	gacttcgata	660
ggattggaga	aggtttgtgt	tcccgcagcc	ttggtagttg	gcataggcta	aagaaaaggg	720
atctcagccc	cgaggaaggg	tcaccctcct	agagatagct	actaccccg	ctcaggagac	780
cctgggtattt	ctagagcacg	ctttgctttc	accaaaccga	aggaggtgac	aggaggagcc	840
cccgcacagg	acctaagaat	gctgtgacca	gaagatggga	tcgcggaaca	gcagcagtgc	900
aggatccggg	tccggagacc	cctccgaggg	cttgccccga	agaggggctg	gcctgcgtcg	960
gagtgaggaa	gaggaagaag	aggatgaaga	tgtggatctg	gccaggtac	tggcctatct	1020
cctccgcaga	ggccaagtga	ggttgggtgca	gggaggaggt	gcagcaaatt	tacaattcat	1080
tcaggccctc	ttggactcag	aggaagagaa	tgacagagct	tgggatggtc	gtcttgggga	1140
tcgatacaac	ccacctgtgg	atgctacccc	tgacaccccg	gagctggaat	tcaatgagat	1200
caagacacaa	gtggaaactg	ccacagggca	gctggggcct	aggcgggccg	cccagaagca	1260
cagctttcct	cgaatgttgc	accagagaga	acggggcctc	tgccatcggg	gaagcttctc	1320
ccttgagaaa	cagtctcgag	tgatatctca	cttcttgccc	aatgatctgg	gcttcaactga	1380
tagctactct	cagaaggctt	tctgtggcat	ctacagcaaa	gatggtcaaa	tattcatgtc	1440
tgcttgccaa	gaccagacaa	tccgactcta	tgactgccga	tatggccgtt	tccgtaaatt	1500
caagagcatc	aaggcccgcg	acgtaggctg	gagcgtcttg	gatgtggcct	tcacccctga	1560
tgggaaccac	ttcctctact	ctagctggtc	tgattacatt	catatctgca	atatctatgg	1620
tgagggagat	acacacactg	ccctggatct	caggccagat	gagcgtcgct	ttgctgtctt	1680
ctccattgct	gtctcctcag	atggacgaga	agtactagga	ggggccaatg	atggctgcct	1740
gtatgtcttt	gaccgagaac	agaaccggcg	cacccttcag	attgagtccc	atgaggatga	1800
tgtgaatgca	gtggcctttg	ctgatataag	ctcccaaata	ctgttctctg	ggggagatga	1860
tgccatctgc	aaagtgtggg	atcgacgcac	catgcgggag	gatgacccca	agcctgtggg	1920
tgcactggct	ggacaccagg	atggcatcac	cttcattgac	agcaagggtg	atgcccggtg	1980
tctgatctcc	aactctaaag	accagaccat	caaactctgg	gatatccgac	gcttttccag	2040
ccgggaaggc	atggaagctt	cacgccaggc	tgccacacag	caaaactggg	actatcgggtg	2100
gcagcaagtg	cccaaaaaag	cctggcgga	gctgaagctc	ccaggggaca	gctccttgat	2160
gacctaccgg	ggccacggag	tgctgcacac	cctcatccgc	tgccgggttct	ccccatttca	2220
tagcactggc	cagcagttca	tctacagtgg	ctgctccact	ggcaaagtgg	ttgtgtacga	2280
ccttctaagt	ggccacattg	tgaagaagct	gaccaaccac	aaggcctgtg	tgcgtgacgt	2340
cagttggcac	ccctttgaag	agaagattgt	cagcagttcg	tgggacggga	acctgcgtct	2400
gtggcagtac	cgccaggctg	agtacttcca	gcatgacatg	ccagaatctg	aggaatgtgc	2460
cagcgcctct	gccccagtg	cccaatctct	tacacctttt	tctcaccctc	agtagatcca	2520
acctccagcc	ccatataggg	tgaacctctt	gataagctct	ctgcctcctc	ctccctttct	2580
cccttgtggg	gaatgtttgg	aggaatcact	ggcatttgat	ggggaataac	ataagcctgg	2640
gctctgagcc	tcagctgagc	cctggaagat	tctcccatg	gggcagagtg	gtctccttac	2700

```

gtgctcacac ccagtcagct tgggtcccta tctctggcca gagtttggca ggactgccaat 2760
tatctgggggt gtggcctctg ccagcaagag aagtgtcctg ggtgttttta atcatgtttg 2820
aatgttaggg gttggatcct agagtagatg cctgaggcca catctgaaca gacctgtcag 2880
ccaggcctgc caggtcttca cgttgaggat tcaactggcc aatcacagga caggtgtcct 2940
ggcctttctt cctgaggtct ctaggggagg ggcattggta aggggtgttc ctcagacccc 3000
tcctgggggtg gggattatgt ctgctgtcat gtctgggtct ttagggtagg acaggctgtg 3060
gtatgagagg caggagtctc cacaaggctt catgtggccc cttatagggc aggccctgcc 3120
ctctgggaag gtcccttcat gctggaggca cacagcttta aggaagtagg ttgaagtagg 3180
actccttcgt cctctcactg gctttggctc cctcaataaa ctgtgtggga acctggctca 3240
gtgtctgtct ctctctctca ctctctgtt ttcctatctg aggtctttca tctcctcact 3300
tcaggaaaac acagttcagc aaagtcttca gatgcatcc tgtggaggag aaaataccct 3360
tctggtgccc catgaaaaag ggaaatacca aaaccatttg ttcactgagc cttgcaatag 3420

```

```

<210> 7407
<211> 996
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (121)...(472)
<223> similar to gi4433387 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7407
tggaaccagcg tgggtggaatt ccgtcgtctgc cgtgcccgtc gccgccgtcg ttgttgttgt 60
gctcgggtgcg ctgagctccg cggctccgcg agccggttcc gtccccttcc cgccgccgcc 120
atgaagtgga tgttcaagga ggaccactcg ctggaacaca gatgcgtgga gtccgcgaag 180
attcgagcga aatatcccgga cagggttccg gtgattgtgg aaaagggtctc aggctctcag 240
attgttgaca ttgacaaacg gaagtacttg gttccatctg atatcactgt ggctcagttc 300
atgtggatca tcaggaaaag gatccagctt ccttctgaaa aggcgatctt cctgtttgtg 360
gataagacag tcccacagtc cagcctaact atgggacagc ttacgagaa ggaaaaagat 420
gaagatggat tcttatatgt ggccacagc ggagagaaca cttttggctt ctgagggcc 480
ttgctgggct aggtgcaccg taactgcttg tgtatcttgt aaatagccag ccattttcag 540
ttattatacc agaacctctt cacatagacc tattagtgc tttgtaactg gatttatttc 600
ttaatatatt ggaagggttt gtttcttag actagtaaat tatcatacag agttttattt 660
tgagtttttc tttttgtgca ttgtcctcat gcctgtattc tccaggaaac ttgtccttct 720
ggaaatcata ttgaatgata tttctatatc gaagtgaggt aggtgcggta ttaaagtga 780
aggaaggtg atgcatttat tctgggttat gcttgaagtg ttagatggct aagtattaaa 840
attatccaaa ttaaactcct agcagtcaga acacttgctt cactagaata tgccaactgc 900
caatcatgtt ggactgagct aatttgttcc tctttctgaa actattaagg taaataatta 960
acaataaaaa ttctcttata aaggccaaaa aaaaaa

```

```

<210> 7408
<211> 822
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (196)...(571)

<223> similar to gi4580592 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7408

tacgcagcct	tcggtgcagt	cgctcactcgt	gtctcgtctac	cagctccccg	ctgccctgcg	60
ctcggcgggc	tggcatccgg	cccgggggaa	agcggaccag	cccttctgca	ggtctgcggg	120
gccaagtgtc	ccggcgggcg	acctcgtggc	gagaatcggg	agaaggagga	gactacaagg	180
ataggcccc	gagtaatgga	gtccaaagag	aaacgagcag	taaacagtct	cagcatggaa	240
aatgccaaac	aagaaaatga	agaaaaggag	caagttgcta	ataaagggga	gcccttggcc	300
ctcccttttg	atgctggtga	atactgtgtg	cctagaggaa	atcgtaggcg	gttccgcgtt	360
aggcagccca	tcctgcagta	tagatgggat	atgatgcata	ggcttggaga	accacaggca	420
aggatgagag	aagagaatat	ggaaaggatt	ggggaggagg	tgagacagct	gatggaaaag	480
ctgaggggaaa	agcagttgag	tcatagtctg	cgggcagtca	gcactgaccc	ccctcaccat	540
gaccatcatg	atgagttttg	ccttatgccc	tgaatcctga	tggtttccct	aaagttatta	600
cggaaacaga	cccctgcttt	cgaatttaca	tgttcatgat	gtgcccttgt	tgtaaaccctt	660
tacctgtcac	ttgtttacgt	gggtctccta	ttaccagctt	ctaattgaat	attgtgtttt	720
tgaaccagtc	tgtaagattt	ttgttagcag	aagaatttta	cctattgcat	ggaaagatgc	780
tcattatagt	gaagttaata	aagcaccttt	aaaaagcaaa	aa		822

<210> 7409

<211> 1964

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (146)...(901)

<223> similar to gi1938421 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7409

tttcgtccgt	cgggcagcag	cggggctgtc	tatcccggct	gaggaccgcg	ggccagtgcg	60
ggtggctggc	tttgccatta	gcgggggcct	ttcctgagga	cggcgtagcg	agtgtgggga	120
atgaaggatg	gcagcatgcc	gtgcattaaa	agctgttttg	gtagatctca	gtggcacact	180
tcacattgaa	gatgcagctg	tgccaggcgc	acaggaagct	cttaaaaggt	tacgtgggtgc	240
ttctgtaatc	attaggtttg	tgaccaatac	aaccaaagag	agcaagcaag	acctgttaga	300
aaggttgaga	aaattggaat	ttgatatctc	tgaagatgaa	atattcacat	ctctgactgc	360
agccagaagt	ttactagagc	ggaaacaagt	cagacccatg	ctgctagtgtg	atgatcgggc	420
actacctgat	ttcaaaggaa	tacaaacaag	tgatcctaata	gctgtgggtca	tgggattggc	480
accagaacat	tttcattatc	aaattctgaa	tcaagcattc	cggttactcc	tggatggagc	540
acctctgata	gcaatccaca	aagccaggta	ttacaagagg	aaagatggct	tagccctggg	600
gcctggacca	tttgtgactg	cttttagagta	tgccacagat	accaaagcca	cagtcgtggg	660

```

gaaaccagag aagacgttct ttttgaagc attgcggggc actggctgtg aacctgagga 720
ggctgtcatg ataggagatg attgcaggga tgatgttggg ggggctcaag atgtcggcat 780
gctgggcatc ttagtaaaga ctgggaaata tgcagcatca gatgaagaaa aaattaatcc 840
acctccttac ttaacttgtg agagtttccc tcatgctgtg gaccacattc tgcagcacct 900
attgtgaagc aatgtgtgca tctgaagcaa cttgaaatgc agcttcttat tgtctggaat 960
gaatccctta ccaactcagt gccagcatcg gtagacacca gtcagtgtg atcgcttttt 1020
aaccctcttt tgttgtgcat taattagaaa gaaaggtatt gaattgcggc tagccagtaa 1080
gccttgctaa tctcttttat tttgtaactg aagatgagac ccaaagaaa ggaagctga 1140
gattttgtgc cattcctttt aaaatattca tcaggttagg tggggctgtg ggggaaaagc 1200
tactacaggg aagagtgttc tctgctgtct cttcactgga aaacaggag gggggatttc 1260
agactgtgaa gaaagttgaa tgggtgtttt taaattataa agtaatgtat taaaaggtgc 1320
attaggctgt agttctaata ttgagttcaa ctgtgaaatc catcagatgt gccaaatgga 1380
gaagacagaa agcaacaaa gtaattgttc tttagcccaa gtgttacagt gaatttgctt 1440
taacagatgt tgaaaactaa attttctact gtattcccag cacgggtgac ttctttttct 1500
cttcattagc cagagatgac taatttaaat ttagaaccag attttaattt aaattaatat 1560
ttccattaat aacctattca ttgcagatac ctattatact gtgtaacagt tgttttggaa 1620
attttatgta aaattaaaac tatcagtatt ttacagatgt tttaattaga cattgttatt 1680
aacaggaaca gtgcagaaac tagaatcaag ccttataata tcttatagac catgcatttt 1740
tgaagttagt gtccactagg gtcctattaa ctgtacattt gcaagatttc attatttttg 1800
cctctgacac tatgggaaaa attttttaga agctattggg acagattcaa gcttttatgc 1860
acttggttac tacagctgta aatgaaatc tcgtcttgta gcatggatta ttcttctcat 1920
gttaaaccca ccaaaataaa ggggactaaa taggtaaaaa aaaa 1964

```

<210> 7410

<211> 1987

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (164)...(1044)

<223> similar to gi311632 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7410

```

atcaagcagg ggcagggctg gcgctgcggc gggagatgct gtcggggccgc ggcggcgctt 60
ggcagccagg agctctgcat tgaaggcact ggggtaaagt gaatgccgaa gacagaagat 120
ttggatgata caccactgac tttctttggt ttggaatacac gttatgaacc ctttctggag 180
catgtctaca agctctgtac gcaaacgac tgaaggtgaa gagaagacat taacagggga 240
cgtgaaaacc agtctccac gaactgcacc aaagaaacag ctgccttcta ttcccaaaaa 300
tgctttgccc ataactaagc ctacatctcc tgcccagca gcacagtcaa caaatggcac 360
gcatgcgtcc tatggaccct tctacctgga atactctctt cttgcagaat ttaccttggt 420
tgtgaagcag aagctaccag gcgtctatgt gcagccatct tatcgtctctg cattaatgtg 480
gtttggagta atattcatac ggcatggact ttaccaagat ggcgtattta agtttacagt 540
ttacatccct gataactatc cagatggtga ctgtccacgc ttggtgttcg atattcctgt 600
ctttcacccg ctagtgtgac ccacctcagg tgagctggat gtgaagagag catttgcaaa 660
atggaggcgg aaccataatc atatttgga ggtattaatg tatgcaagga gagttttcta 720
caagattgat acagcaagcc ccctgaaccc agaggctgca gtactgtatg aaaaagatat 780
tcagcttttt aaaagtaaaag ttgttgacag tgttaagggt tgcactgtct gtttgtttga 840
ccaacctaaa atagaagacc cctatgcaat tagcttttct ccatggaatc cttctgtaca 900

```

09433725.012100

```
tgatgaagcc agagaaaaga tgctgactca gaaaaagaag cctgaagaac agcacaataa 960
aagtgttcat gttgctggcc tgtcatgggt aaagcctggc tcagtacagc ctttcagtaa 1020
agaagagaaa acagtggcga cttaagagat ggtgaatctg gtgcaccatg cactttcctg 1080
ctagactctg gcctagttca agctgaccaa tggcagagga ctgcctgaag agtaaaactg 1140
tgtgaacaat gactgactgc cagtgttttc catgtatgca taggttctaa cagcagggtt 1200
tggaacctg tctctaagta atgcattact tctgtcagaa gtgtcttagg gtggttatct 1260
agttcagtac tccaaattat tggggacctt gaggcttaag taagtatttt tctgaatata 1320
atgctaaagg taagttgcat tcatttaaac taatagagca gacagaattc agcactactt 1380
aatagtttat aaatcagtggt ttccagttgt atatatgtta ggaaatggag aggtatagag 1440
agagcagggt ccatagctca gcacttttaa gtggaagatc atttgaatct cagtcttcag 1500
cctgcactga tttgtagcct gcactgtcct actgatttac aaactgaaat cactgagaaa 1560
tgtcttttagt tcagtgagaa gaaaccagaa cacttgttcc tagtgttgtg ttgttttttt 1620
taagcaaatt acttacttac tgtattttta tggcaggagg gagaaaaagt gttacaacgg 1680
tttctaataa agtccgggtat tttaaataa aatgactaat gtgttttagta gagacaaaag 1740
aaaccaataa atgattgttc ttgtccattt atgcaggaaa ctaccctttt ctcaatataa 1800
ccaaacaaag gctaatttat aaatgcttta ttgaaaaata cacttatctt catataaaat 1860
tacagtagca gtatcttgag aagttttata aatatttttg cagaacacta ttctaattga 1920
acaatgtaag ttccatattt ctctcagcaa tatgaaagta cctagtaact tttgttatac 1980
tgattca 1987
```

<210> 7411

<211> 3119

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (97)...(2661)

<223> similar to gi5912051 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7411

```
cggtctgtaa ttcccggctc gacgatttgc tcgcgctggc ccgggctctc ccgcccgcgc 60
ttcatggctg cacacgagtg ggactggttc caacgcgagg agctcatcgg gcagattagc 120
gacatccgag tgcagaacct gcaagttgag agggaaaatg tgcagaagag gacctttaca 180
cgatggataa atctacatct agaaaagtgc aacccacctc tagaagttaa agattttattc 240
gtcgatatac aagatggcaa aatcctaata gctttgttag aagtccctgtc tgggcggaat 300
ctgctgcacg aatacaaatc ctgctcgcat cgtatttttc ggttgaacaa catagcgaag 360
gcacttaagt ttttgaaga tagcaatgta aaactgggta gcattgatgc agcagaaata 420
gcagatggca acccttcttt ggttcttggg ctgatatgga acataatcct cttcttccag 480
attaaggagc tcacaggcaa cctcagcaga aactctccat cttccagctt ggcccctggc 540
tcagggggca cagactcaga ctcatccttc ccaccacac ccactgcaga gaggagcgtg 600
gcaatatcgg tgaaagacca gaggaaggct atcaaggccc tgttggcgtg ggtgcagagg 660
aaaacgagaa agtatggcgt ggcggtgcag gactttgcgg gcagttggag gagtgggctg 720
gctttcctgg cggtgatcaa ggccattgac cccagcctgg tggacatgaa acaggccctg 780
gaaaattcca cacgagaaaa tctagagaag gctttcagca tcgcacagga tgccctgcac 840
atccccaggc tcctggagcc agaagacatc atggttgaca caccagacga gcagtctatc 900
atgacttacg tggcacagtt tctagaacgt ttcccgaggt tggaagccga agatattttc 960
gattcagata aagaagttcc tatcgaatcc acttttggtc gcatcaaaga aactccttct 1020
gaacaggaga gcaaagtctt cgttctgact gaaaatgggg agcgtaccta cactgttaac 1080
```

catgaaacca	gccacccacc	accctccaaa	gtctttgtct	gtgacaagcc	cgagagcatg	1140
aaggaattcc	gcctggatgg	tgtttccagc	catgcgctgt	cagacagctc	caccgagttc	1200
atgcaccaga	ttattgacca	ggctcctgcaa	gggggccag	gtaagaccag	cgacatcagt	1260
gagccatctc	cagaatcctc	cattttatca	tccagaagag	agaacgggag	gtccaactct	1320
ttgccgatca	agaaaacagt	tcacttttag	ctcgacacct	acaaggatcc	tttctgcagt	1380
aagaacctgt	ccctttgctt	tgaagggagc	ccaagagtgg	caaaggaatc	attgaggcag	1440
gatggacatg	tcttggcagt	tgaggttgct	gaggaaaagg	aacagaaaca	ggaatcctcg	1500
aagattccag	aatcctcctc	tgacaaggtc	gctggtgaca	tttttttggg	ggaggggcaca	1560
aacaataatt	ctcagtcctt	ttcctgtaat	ggtgctttag	agagtacagc	ccgccacgat	1620
gaagaaagtc	actctctttc	acccccagga	gaaaatactg	tgatggccga	ttccttccag	1680
atcaaggtta	acctgatgac	tgtagaagct	ttagaggagg	gagactattt	tgaagccatc	1740
ccattaaaag	cctcaaaatt	taacagcgac	ctaatagatt	ttgcttctac	cagccaggct	1800
ttcaacaaag	ttccttcacc	tcatgagaca	aaacctgacg	aggatgctga	ggcttttgag	1860
aatcatgctg	aaaaactagg	taaaaggagt	attaaatctg	ctcacaaaaa	gaaggattcg	1920
ccagagcctc	aagttaagat	ggacaaacat	gaacctcacc	aggactccgg	agaagaagct	1980
gaaggctgtc	cttcagcccc	agaagagaca	ccagtgkata	aaaagccaga	ggtgcatgaa	2040
aaggccaaga	gaaagtcacc	ccgtcctcat	tatgagggaag	agggagaaga	cgatgacctc	2100
cagggtgtgg	gcgaggaatt	atcttccagc	cccccaagca	gctgtgtcag	cttgagagacc	2160
cttgggagtc	acagcgaaga	aggcctggat	ttcaagccct	ccccaccctt	ctcaaagggt	2220
tccgtcattc	ccacgacact	cttctatttc	ccacactatg	aggttcccct	ggctgcagtt	2280
ttggaggctt	atgtagaaga	ccgggaggat	ctaaaaaatg	aagaaatgga	tctcgaagag	2340
ccagagggct	atatgccaga	cctggactcc	agggaggagg	aggccgatgg	ctctcagagc	2400
agctccagtt	cctcggtgcc	aggagagagc	ctccccagtg	ccagcgacca	ggtgtgtgat	2460
ctcagcaggg	gtggtgtggg	taccacacca	gcctcagaac	ccgtccactt	ggccccccat	2520
gaggaccacc	agcaaaggga	gaccaaagag	aatgacccca	tggacagcca	tcagttccag	2580
gaatccccaa	acctggaaaa	catagcaaac	cccctagaag	aaaatgtaac	gaaagaatca	2640
atcagtagta	aaaaaaaagga	aaaaaggaaa	catgtggacc	acgtgaaaag	ttcactattt	2700
gtagcaccag	gaagtgttca	atcctcagat	gacctagaag	aagacagtag	cgactacagc	2760
attccttcca	ggactagtca	cagtgactcc	agcatttacc	ttcgacgaca	tactcatagg	2820
tcttcggaat	cggatcattt	tagcctatgt	tcagttgagg	aacgcagcag	atctggatga	2880
cagaagaaac	cgaatattaa	ccaggaaggc	caacagctca	ggagaagcca	tgtcactggg	2940
gagccacagc	ccgcagagtg	actccctgac	acagcttgtc	cagcagccgg	atatgatgta	3000
ttttattctc	ttcctgtggc	tcctgggtga	ctgcttgctg	ctcttcccac	aactggatgt	3060
tagcaggctc	tgatacgtgt	gtctggataa	taaaaaagac	aggacctga	aaaaaaaaa	3119

```
<210> 7412
<211> 2445
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (574)...(1057)
<223> similar to gi2911266 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7412						60
caagctccag	agactacaat	aattcacttg	ccctaggttc	caaagccagc	aagtggaaaa		120
cggagactgg	aattccgccc	gcaggactcc	aaagcctgtg	cagcaacacc	ccactcccc		180
ggcaggatca	ccagcaggac	gcgcgggagc	cagaaagtaa	gatccgtacc	tccaaggctc		

```

ccatggggccc aagcctccgc atcaacagac tgggagggat tacgtggggt cccagggccg 240
gctctgagggc gggaaaaactt tctggaggcg gcggcctcag gccggagcgg gcgcacaccg 300
actggaggggg tcggattcag ggatgtgggt ggaccgcatt tccccatctt ccccgccgcg 360
cacttcctctt ggtgcaatct ccacaccccg cgccggcccg cctgcaacgc gccctggcac 420
tcaccggtgg gcgaaatttc cccgcctcca cgtgagagcc agctccgccc tgaccgggaa 480
gtccacttcg agtcgccggc ccacctctc gggttccggc ttcttccggg tcgcggcctt 540
cggcgaaacg cggttaccgt ggaaaccgcg gccatggcgg caccgcggca aatccccagc 600
cacatagtgc gcctcaagcc cagctgctct acagactcgt cgttcacccg gacgccggtg 660
cccaccgtgt ctctcgcgtc ccgcgagctg cctgtctcgt cgtggcagggt caccgagccg 720
tcaagcaaga atctgtggga gcagatctgc aaggagtatg aagctgagca gcctcccttt 780
ccagaaggat ataaagtcaa acaggagcct gtgattacgg ttgcgccagt agaggaaatg 840
ctttttcatg gcttcagtgc agagcactat ttcccggttt cccatttcac catgatctca 900
cgtacaccct gtcctcaaga taaatcgaa acaatcaacc caaaaacatg ttctcccaa 960
gaatatttgg aaactttcat ctttctgttt ctgcttcccg gaatggctag cctgcttcac 1020
caagcgaaga aagaaaaatg ttttgagggt cagctgtgat ctgagattca agaactgcgt 1080
cagtggcaga agaaacttcg cgaggccaag cacattcacc agcaagtcaa aattttctgg 1140
gccaagcaag aacaaaaagt gaaatgcaaa atggaggacg atgcagtacc tgcagccaag 1200
atgaaaaattc catcatctta accatagcta agacgtatct ttgccattc gagcacaagt 1260
taccttgtgc aaggaaaaatg tccaaatgat gctctctctc ttgtgatttc ttaacaaga 1320
cttgggaaca tgtgcaaatg gaatcttttc tgtacaagat aggattcatt tgcaaacaag 1380
ctttaatgca aatagttagt aaaagaaaag gaccagtctt cacttttctg cattatcccc 1440
acattttatt cattcatcca gattacttct ttcagtgtct aaaggagtat ttcttctaca 1500
ccagcttgct ggtaaaaatg tacaatgaac tctagtccca gaggaatata gaagtgtctt 1560
tattaccagt tttcccactt gtggccgcct ttgcaaagat ccatattcta attttaagtc 1620
cccaacctct gaatttggtt ttaagtttac ctagtgactg actactctct ttataaaaaa 1680
gaccttatac ttaatgatca tttccaaagg agaccactcc ttaactttta ctgcaaacc 1740
aacaagatga gacacttaaa ccccagacag atgtaacaaa ggatttttgt tgtctaagtc 1800
ccaaagtatt atatagaaag ttctgtcttt tatgggtaaa cttattacct taatatgttc 1860
tgtggtttgc tgtaaaccaa gattctccca tttaaaatgc cacagaccga ccctcaaggc 1920
agatccgaaa gcctagtagt tagttgcact ggggtgtttt gacaagctac cacacgtctt 1980
aagtaaatag taaagccttt atttttgtgt taagaacagc attttgaaaa taaaacctat 2040
ctgcccctgc tttacagcct tttaaatttg taatatattat atagtcgttt atggtacata 2100
ttgattgtct tgaaatttct ttaacttctt ttttataagt atgcaacagt cagccggggg 2160
aagataaagg tacattataa aacacacatt aatgcattta ataaatatat attatctatc 2220
aaaaagtgagc cttagctctt catcagttaa taaaaagcac ctgctgagaa ctctgtgaag 2280
ctggtatcat cattgcatca ttggattata aaagccacaa tgctcccttt caacttgggg 2340
tttgggcctg aggcgttcca actcagccct tgggcaaccg agaccaccac ccgagttcac 2400
ccttgtttca gtgggtcctg acgggcatct gggctaataa aaaaa 2445

```

<210> 7413  
 <211> 844  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (26)...(846)  
 <223> similar to gi4580011 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7413
cggacgcgtg ggggcggccg acttagccgg tggcacgaca gttgctgcag ggaatctttt 60
aaacgagagc gagaaggact gcgggcagga ccggcgggct cctgggggttc agccgtgccg 120
cctcgttacg atgaccagtg tggttaagac agtgtatagc ctgcagcccc cctctgcgct 180
gagcggcggc cagccggcag acacacaaac tcgggccact tctaagagtc tcttacctgt 240
taggtccaaa gaagtcgatg tttccaaaca gcttcattca ggaggtccag agaatgatgt 300
tacaaaaatc accaaactga gacgagagaa tgggcaaattg aaagctactg aactgccac 360
cagaaggaaat gtcagaaaag gctacaaacc actgagtaag caaaaatcag aggaagagct 420
caaggacaag aaccagctgt tagaagccgt caacaagcag ttgcaccaga agttgactga 480
aactcaggga gagctgaagg acctgaccca aaaggtagag ctgctggaga agtttcggga 540
caactgtttg gcaattttgg agagcaaggg ccttgatcca gctttaggcg gtgagaccct 600
ggcatcacga caagaatcca ctactgatca catggactct atgttgctgt tagaaacttt 660
gcaagaggag ctgaagcttt ttaacgaaac agccaaaaag cagatggagg agttacaggc 720
cttaaaggta aagctggaga tgaaagagga aagagtcgga ttctagaac agcaaacctt 780
atgtaacaat caagtaaatg atttaacaac agcccttaag gaaatggagc agctattaga 840
aatg 844

```

```

<210> 7414
<211> 3318
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (296)...(824)
<223> similar to gi4929753 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7414
tccaatacat ttaatttttc actaggacag attccccgga ataattctgt tgagtcaaag 60
gaaatgagta gtttttggtc ctgcttataa attattataa tggttgtaat ccattcctag 120
agttgacttc catgtggttg gccaaatagg aacttttagaa tcattttgta aagttctaaa 180
aaactatctg agttttgatt gattttattt tgaaattagc agtaaattat cagaacaatg 240
ctcacattgt atttatgata accactcact cagtaactaa atgtatcttt catagattga 300
tgaactcca gagggcgctg tgaagcctcc agcaaacaag tatcctatct tcttttttgg 360
caccatgaa actgcatttc taggtcccaa agaccttttt ccatataagg agtacaaga 420
caagtttga aagtcaaaca aacggaaagg atttaacgaa ggatttgagg aaatagaaaa 480
taaccaggga gtaaagttaa ctggctacca ggcaattcag caacagagct cttcagaaac 540
tgaggagaa ggtggaaata ctgcagatgc aagcagttag gaagaagggt atagagtaga 600
agaagatgga aaaggcaaaa gaaagaatga aaaagcaggc tcaaaacgga aaaagtcata 660
tacttcaaag aaatcctcta aacagtcccg gaaatctcca ggagatgaag atgacaaaga 720
ctgcaaagaa gaggaaaaca aaagcagctc tgagggtgga gatgcgggca acgacacaag 780
aaacacaact tcagacttgc agaaaaccag tgaagggacc taactacat aatgaatgct 840
gcatattaag agaaaccaca agaaggttat atgtttggtt gtctaataat cttggatttg 900
atatgaacca acacatagtc cttgttgta ttgacagaac cccagtttgt atgtacatta 960
ttcatattcc tctctgttgt gtttcggggg gaaaagacat tttagccttt tttaaaagtt 1020
actgatttaa tttcatgtta tttggttgca tgaagttgcc ctttaaccat aaggattatc 1080
aagatttttg cgcagactta tacatgtcta ggatcctttt atcaaggcag ttatgatcat 1140
cgttttcctg ccttgacccc accatcatca aacactcagt taaatataaa ttaacatttt 1200
ttagatgacc actcaacata atgcttaaga atggaatttc ctctctgtga cagaaccagg 1260

```



```

gaattaattc ctaaatacat aacgttggtta tattgaagac gaaattaaaa ttgtccttca 1320
gttttgaggc catgtgtaaa gtttaacccat attgtaaaaat atctattccg tattagaaat 1380
agctagtgtga cagcttatac ttctcaaaat tcatattggt atgtacacaa actaagtttc 1440
tatatgtgaa gttagtgaat ctttttgtgt tactccaaaa taaaggcaat gatttatttt 1500
tttcccagtg ccaatacaat tttgagctaa gcactcaagg tggatacttt acatttttaa 1560
gctggaatca gcaacagccc tatgggaaac cagacaaagc attgactttt aaatgtagac 1620
ttttaaaata aactgttttc ttttggaact acaattagaa tagttaatat tcatccttaa 1680
accattatta tgtgtacatt attggttgcta ttgtgataat agagaatttt atttattttt 1740
atgccagctt atattgtgag aacacattta gtcagtttgg gttttatcaa tcctgttaat 1800
gcttgtcctt ggaacatctt tgcggtattc acggtttgta gttgaaaagt ttactgtaaa 1860
aaaatcaaaa acaaaaaaaa tgtattgttt ttacagaata aattttattgg aatgtgtact 1920
gggagtaaga tttgaggttg taagcaaaact aagtttagtgt aatttggtt catatatgta 1980
acgtgaggta ttaatgtaat tcatatatta aagcaaaaat tgttcacagc aagctgacaa 2040
tagaatcaag tgcaggtgag gggttttcct tttctttcct tttttttttt aaacactttt 2100
tgggttttaa attatttgaa aacactgtag gggatgatgg ggagatgact acatgatttg 2160
cttacactta catatttacc accccagtg accctaaatt ttgtaatttg atattatcca 2220
tgcattgatt tgtatcccat tttcttttgg tttttttgat gaggagctaa taaaaacatg 2280
aggaaaatgt gaggcagacc ctaaaagcct agggcggtta ataatgatga tggatgatga 2340
ggcagctaag ggtatgaaag caccagtcca tttatcattc cagggcacag tgaggaggtg 2400
gctgtttgga tttttgtgtg gtttctttca tttagtgaat actgattttc tctagtatac 2460
tcaacataca atcccaaaca tgaaggttc ataaaaagat agtagggatg tcgatctaata 2520
acttcttctt taaaaggtcc tttttaattt tgaatatttg aatgtatttt ttaattaatg 2580
aaatttaatt catcaaaaga cctcttcatt gctcacactg aaacataagg ggaatgtaga 2640
tggcattttg aattggaata tacaactcac aaattttcct taaaagcgtt ttatgtgtat 2700
atatgaaatg tttcaaatth aataagattt gtctttataa gaggccaaaa ataattttat 2760
taaaaatata cacagaaata caatagaaat atttccagcc accaataaaa caaatgttca 2820
ttaaggatag agataaagtt actgatccct atttagctgt ttaaattcac acaaaaaaat 2880
ttagtaaaaag taatttttctt gaaacagcag caaataataa actttccttg ggaaaacatt 2940
tttcaaacaa catttaaaaa tattctgatg atttgctttt tatattgagt ttaataatga 3000
agcatattca tcttatttgc aaaagttact cctccagtct gcattcactg ttttgaattt 3060
tttaatatgc acaggccata ttctcttttg aatagtttca tttcatgctc actactgttg 3120
gcactaaatt gtaatttttt acacttataa ttattttata tgtcaacaa tattgagatg 3180
gatgatcaag ttatttcaca aatgattttg aatatatttc ttgagaaaca gtttgtttta 3240
agaaatatat tcacaaatga ttttgcggtg gcgtgggtcg acccgagggg tctcaaccgg 3300
tacctctaag gtatctag 3318

```

<210> 7415  
 <211> 1612  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (60)...(1417)  
 <223> similar to gi3043670 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7415
cgacagaatg gggcctctct ggaagttgtc ccgggtgttc gccgctggag cccgggtcga 60
gaggacgagg tgccgtgcc tggagaatcc tccgctgccg tcggctcccg gagcccgacc 120

```

```

ctttcctaac ccaacccaac ctagcccagt cccagccgcc agcgccctgtc cctgtcacgg 180
acccccagcgt taccatgcat cctgccgtct tcctatcctt acccgacctc agatgctccc 240
ttctgctcct ggtaacttgg gtttttactc ctgtaacaac tgaaataaca agtcttgata 300
cagagaatat agatgaaatt ttaaacaatg ctgatgttgc tttagtaaatt ttttatgctg 360
actgggtgtcg tttcagtcag atgttgcac ccaatttttg ggaagcttcc gatgtcatta 420
aggaaagaatt tccaaatgaa aatcaagtag tgtttgccag agttgattgt gatcagcact 480
ctgacatagc ccagagatac aggataagca aatacccaac cctcaaattg tttcgtaatg 540
ggatgatgat gaagagagaa tacaggggtc agcgatcagt gaaagcattg gcagattaca 600
tcaggcaaca aaaaagtgac cccattcaag aaattcggga cttagcagaa atcaccactc 660
ttgatcgtag caaaagaaat atcattggat attttgagca aaaggactcg gacaactata 720
gagtttttga acgagtagcg aatattttgc atgatgactg tgccttttct tctgcatttg 780
gggatgtttc aaaaccggaa agatatagtg gcgacaacat aatctacaaa ccaccagggc 840
attctgctcc ggatatgggt tacttgggag ctatgacaaa ttttgatgtg acttacaatt 900
ggattcaaga taaatgtgtt cctcttgtcc gagaaataac atttgaaaat ggagaggaat 960
tgacagaaga aggactgcct tttctcatal tctttcacat gaaagaagat acagaaagtt 1020
tagaaatatt ccagaatgaa gtagctcggc aattaataag tgaaaaaggt acaataaact 1080
ttttacatgc cgattgtgac aaatttagac atcctcttct gcacatacag aaaactccag 1140
cagattgtcc tgtaatcgct attgacagct ttaggcataat gtatgtgttt ggagacttca 1200
aagatgtatt aattcctgga aaactcaagc aattcgtatt tgacttacat tctggaaaac 1260
tgcacagaga attccatcat ggacctgacc caactgatac agccccagga gagcaagccc 1320
aagatgtagc aagcagtcga cctgagagct ccttcagaaa actagcacc agtgaatata 1380
gggtatactct attgagggat cgagatgagc tttaaaaaact tgaaaaacag tttgtaagcc 1440
tttcaacagc agcatcaacc tacgtggtgg aaatagtaaa cctatatattt cataattcta 1500
tgtgtatttt tattttgaat aaacagaaaag aaattttggg tttttaattt tttttctccc 1560
cgactcaaaa tgccattggt catttaatat tagtagcctc ttaaaaaaaa aa 1612

```

<210> 7416

<211> 3067

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (217)...(1970)

<223> similar to gi3789797 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7416
ggactcctcc ctgaaactgc acgaggtcac ctctcctatc cccgtattcc gtttgatcc 60
ttatgccaac gtgttaggaa ggccccctct ggtgggtttt gtactgtctc tagcatttga 120
cacttaatat ttaaaccacca ccaatgaggt ggacgtccta ctcacgggac tgagtttcca 180
aacgggccag agagcagcac gtgagcattt tgcaggtgca caaagcaggg tcatcagaag 240
cctctcgatt caaaagatga taataccgaa aaacactgcc cagtgcagat gaatccttgg 300
catatgaaga aagctttcaa agtcatgaac gaattaagaa gtcaaaaattt gctgtgcat 360
gtcacaattg tggcagaaga catggaaatt tctgtcataa gagggtgtgt ggccgcctgt 420
agtccttatt ttcattgcat gtttacaggt gagatgagtg agagccgagc aaagagagtt 480
agaataaaaag aggtagatgg ctggaccctg aggatgctaa ttgattatgt ttacactgca 540
gaaattcagg ttacagaaga aaatgtacag gtacttctcc cagcagctgg tctcttacag 600
ttacaggatg tgaagaagac ttgttgtgaa tttttggaat cccagcttca ccctgtcaac 660
tgcttaggaa tccgggcttt tgctgatatg catgcatgta ccgaccttct gaacaaggcc 720

```

```

aacacctatg cagagcaaca ttttgcagat gttgtactta gtgaagaatt tctcaatctt 780
ggcatcgaac aagtgtgcag cttaatctca agtgacaaac ttaccatttc ttcagaagag 840
aaggtatctt aagcagtaat agcatgggtg aacctagaca aggatgtgag gcaagagttt 900
atggcccagc tgatggaaca tgtacgggta cctttgcttc ctcggaataa tttagttcag 960
agggttgaag aggaagcatt ggtcaagaat agcagtgcct gcaaaaatta cctgattgaa 1020
gcaatgaagt accatttgct gccaacagag cagcgtatat taatgaagag gggccggacc 1080
cggctgagga caccatgaa ccttcccaaa ttgatgggtg tggttggggg ccaagcacca 1140
aaggctatcc ggagtgtgga atgctatgac tttaaagaag aaagggtggc ccaagtagca 1200
gagttgcctt ccaggagggtg cagagcaggc atggtctaca tggctggact tgtttttgct 1260
gttggtggct ttaatggctc attaagagtt cgcactgtag attcctacga ccctgtgaag 1320
gaccagtgga ccagcgttgc taacatgaga gaccggagaa gcactttggg agctgctgtg 1380
ttaaatggat tattatacgc tgtgggaggc tttgatggga gtacagggtt gtcatctgtg 1440
gaagcataca acataaagtc taatgagtgg tttcatgtag ctcccatgaa tacaaggagg 1500
agcagtgttg gtgtgggtgt tgttggagggt ttgctctatg ctgtaggagg ttatgatgga 1560
gcatcacgtc agtatcttag cacagtagaa tgcataatg ctacaacaaa tgagtggacc 1620
tatatagcag aaatgagcac caggcggagt ggagcagggtg ttggtgtgtt aaacaattta 1680
ttgtatgctg taggagggtc tgatggccct ttagtacgaa aaagtgttga agtatatgat 1740
cccaccacta acgcatggag acaggttgca gatatgaaca tgtgcagaag aaatgcagga 1800
gtttgtgcag ttaatggtct gttatatgtt gttggagggg atgatgggtc ctgtaacttg 1860
gcgtcagtag aatattataa cccaacaacc gataaatgga cagttgtgtc atcgtgtatg 1920
agcacaggga gaagtattgc aggggtcaca gttattgata aaccattatg agcctgaagg 1980
acattttcag catatttata catgagaaac agccttcaac aagtatttgt gaagtgactg 2040
agaatctagc acttctccac ttgtagctgc actttaagtc tcagcagaag atacgatcgt 2100
ctgcctttat aggcctcaga tactgaagat tatttttggg agaagcaccg tgtaggcttt 2160
ttctgcaatg agcagcagct gactgaattt tcataagaaa cttggactgc aggacttaat 2220
ctgtagtctt tagacaacag ttgctttcat aaagactagt tcttatcaac cttgaatgac 2280
tacagattat tttgtgaagg aggatgaagt aatgtgtgtt cttgtaaaat taaattttat 2340
ctttatttct tctaaaaatc tgtataccag gaactgaaaa tctttgaaca gatattaaaa 2400
tctacgtaag tatacaaact agttgaggga tacactgttt gcttttataa aataactttg 2460
attacatgaa tataataaat tatgtgcata taaatgtgtg tctatatgct ttcctttaaa 2520
tatgtttgaa aagatgtttg aaacttgatt atactattta taattggcac agtactttga 2580
attatgccag tactacattg taaaacagag ttgtattttt tgatatttaa caatgcttaa 2640
cactttaaat gccacttctg aggaatggac ctggtgtaac acacttgaat atgtgtgatg 2700
ccaaactttt taaaatacaa tataaattat gcttatttat tattttcttt agtttaattt 2760
tggtcatggt ttggtgtgta tttttaattt ttttcttaaa ttaacacttt ggcatgaaca 2820
ttactgcagg tttttgatga atataatgaa tgtatggaat tcaattgaat ttgcatgggtc 2880
ttcggaattt tttctgtgtg tataaattta gctgctatta acagaagaga gaactttctg 2940
tgagtagcca tgtgtgttga tcagatacag tttttctgag atcttcaatt aatctcactt 3000
taaaaatgac caaaacatgt ctttcttgaa ttaactttga ataaaagttt gtatatcaaa 3067
aaaaaaa

```

```

<210> 7417
<211> 2366
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2104)...(1424)
<223> similar to gi3676132 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7417
tatgggctac ttgaacacaa ggactgagat actgcaacag tccatctgat aactgagatg 60
gctacaaagt gactaatgaa tgggtagtgt ctacagcaca gatatgcaga aaaaagataa 120
aaacctgatt aatctttcttc aaagattatt ctgcaaacca gtcatcact gggcactttc 180
caaattgagca tttttttctt tttaatttca gcagggatct gtaaactatt ctttacctgt 240
acatacagag atccaaggag aaacaatcca atcatttgca taccagaaa aaatgagaac 300
actgtttttg tagatgcatg tatcacactt attttgcatt tagtttaatt ggattgcaa 360
ttttgttctt tagaatttgg gctctacaaa ggttacatcc tattaataag gctcaatatt 420
tacctgttca agactacttt tacatgtaat tataacttgc cataaatgaa aatctaagaa 480
gctcttgagt atgggttatga cttttattaa tcatacttgc tgttattccc aaacttctca 540
atgttacatg aataactaac cttgggtttta tataaaatat ggactaaagt aaattttacc 600
tacagggtgcc tctctccttc attgggtgat taaaatttca cgtttgagac taaacttcat 660
tgaaactact gcaagcatgt gtatgataga ccaatttagc ttagtatctg gcattgtggc 720
cagaaaaaaa aaaaaatcgg ttctacaaa atctcttggg caacacttaa gccattggaa 780
gaggccca tgaatccagg tctactttcc tttacaggta gattccagaa caacaacaaa 840
aaatgtaaga ctacaagaaa tgatttaata tgataaaact cccatttcaa aaccagttc 900
taaaggattt actgactaat gctgattatt tagtcatgga aaatgtctct cataaaagtg 960
ctcctaacaa aacatgatct acaataattt ataaaatgtg aagggttggg atgtgcagac 1020
tgattgggtgc acgtcaggtt gtttctctta aataagggtat aaaaaactat gatatcatag 1080
tcttttgact ttattttctg agataaaaaa gtataggcat aggtgttttt aatagtcttc 1140
ttgatgatat cttttagaat aatctatcaa atggcttctt tcatgtttcc tgattatcag 1200
cattcatcag tgttactgtc agccttgatt aagtgggtga aaatttcaga gaagaataag 1260
caacttctgt gaacctttcc ccaatccctg agaatacataa tcattacaga aatattttat 1320
cctttcatca aatatctctg gaaagtagcc gtgttcgttc attgttaata gggcaagggtg 1380
cagtgtcata gaggggttaat ccattgtaaat tggcttccac ccgtaaagaa attttctgaa 1440
aatcacgaat gtaagtcagg aaaaaaccaa agaaggaaaa tgacatagac cattctgctg 1500
cagtagtgat catgtgaagc acataacctt tgtcctcggg gttccaatgg agtttctgtt 1560
ctaaatcagt cccaaaattg ccactgtgca aaactgatga gcaagtcagc atgctaagtg 1620
cacttactcc acaccagata accaacaaca gtctgatcca gaagacttgt ttgccatgga 1680
ttttgggtcg catttggtag gaaaggatgg tctgaacaaa catatataat gagcccatag 1740
caaaggtaag cacagctcca cttacatgtg cagcaaaaag ggttgttttc tggaagttt 1800
ccacaataga aagtcctaaa caactcagta ttccaagtac aaggccagcc ttgtttaatt 1860
tgatgataac gttctcttca ggactcagag catgaacttg cttataacga acataaatgg 1920
tagcaatgca taaaactgcc gcaatattta gcattgcccc aaataagcat ttttctggag 1980
ctactgtacc agtgtcactg atataaggta aagccgggtc tatatgggtg agtggtactg 2040
cagtaatgta tgaaaatatg aaagcagcag atgtccaaat tacaagggtc gaaggaagga 2100
aactgaggcc ttgctgaaac caccacattt ctaacagggt ttctgtttta caacttcaca 2160
aaatgttagt cttcagacct gctcatacct gcaccttttg taaatccaga ggaattaatt 2220
agaccgctga ttttctccgg aagcgcgag cactaggccg tttgaggatc tccgctccgc 2280
tttgccctgg accaggaata gacgcgag acggaactcg gcatcaggca ctgcttgggg 2340
caggaggaga gtaggggaaa cttacc 2366

```

```

<210> 7418
<211> 1770
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1771)
<223> n = a,t,c or g

```

<220>  
 <221> misc\_feature  
 <222> (1533)...(327)  
 <223> similar to gil707049 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7418  
 tttttttttt ttacctttta agagaaatgt aaaactcagt ttaatttcaa gtttgtatag 60  
 agaatgtatg ccacagtttg ttttttataa acacaacctt tcttattata aatacaaaat 120  
 aagaaaaagt gatacgttag ctgttatgaa ggggtgaaaac attatataaa cttcaaaagg 180  
 ctgctttctg catctgcatc tatgtaattt catgggtctc taccaatttc atttacagaa 240  
 ataatctcta tagtcaaatt attgttcaact ttcattgcccc aacatgggaa gtggtaggtg 300  
 aatatctgta ggaatacaat ttattgtctg ctctccact cagaagtagc cctgtgtctg 360  
 tccagtctac actcagaact ttgtcttcat gagcagccag atcatagaga ggagccttac 420  
 aacttcttgt atcccacagc ttaacaatgt tatctaaaga tcctgaaatc agctgctgtt 480  
 catgggtagg agaccatttt actgatgtca cccaaccagt atgtgacgtt agggacagcg 540  
 acaccaaaga accatcttta gttcggggat cccacagtct gatatgccta tctgtgcttc 600  
 cagatgctaa acgttttcaa agtgagaaat aggaaataca attaaacact ttatttcctg 660  
 tcaaagttga cttaagactg ccagactcaa catcccacac tctaattgta tgggtcccaag 720  
 atgcaactga gatttcttca gcatctgacc acagaactga ggaaactgcc tccatgtggc 780  
 cagagagggg cactatggga gtccttggtta gtcccaactg ttctgtcttc tgtttctttc 840  
 ttggtcgatt tgtggactcc tccatttcat cttcttcatc tgtagggact gtagaccaga 900  
 tcttttagcat cttatcccag gagccactgc aaaatttagt tcctgagcca tcaacagcta 960  
 tagaatctac acttccagca tgacctctac agcagtgtag ggctttcact ttgtttctct 1020  
 ctacattcca ctcccataag agaatagtct gatccataga agcactcaat aataagcagg 1080  
 acaaactatc ttttttcacc caggccacat cttttacaac atccgtatgt cccacaattg 1140  
 tcattattga ctttcccttc aaggaccaga tccgagaagt cttatcataa gaaccagtca 1200  
 agatccattc ctctgcccct ttaattgaac tgatccagtc atcatggaac atgcattgct 1260  
 ctggctgggg tgcagtatac ttctccacgt attctatttc cacaacttct tctgatgaga 1320  
 tgttctccat ttccatgtgt ttgtccaagg gcattcgag aaactggccc ttaataagga 1380  
 aatcaaactc cacatgtttg tggaaactcat ttttgcctt tagtagttta ttgatgatgt 1440  
 tactaaggtc ggcaatttca gaggcagcag ggattgagaa gggaacatca tctacggcat 1500  
 atttcttggt atcagtgtag aagcgtgttt ggagctgagc catggcgagg agtacacagc 1560  
 acttgccac ggaaacgtac ggggttagcag acccacaaca cgaagctcct gccttttaag 1620  
 actacaaaga ggcagctcaa aattagactg cacaggtaag cgaggaaactg cagtctaagc 1680  
 ctggactctg ccttctgccc tccggtctcc tctgcagaaa gcacgaggtt gcccttctac 1740  
 agacgacgaa atgtggnctt gcgcagcctc 1770

<210> 7419  
 <211> 4656  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2945)...(2048)  
 <223> similar to gi5262665 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7419  
 ggtttatgta ctaatgatcg caaatatcat gctggctttt taaaaaacta cagacttaac 60  
 tgataagctt gcaaattccg gcagagtaaa taaaactgtc aaatactact tttggctcta 120  
 gttcataact tgcccaaaaa tgtgcatatc atagccaaca gagtttttct gtagaatfff 180  
 attttgaaaa tttttcactt caagattgat ctaaaaaaca ttttaagata tgaaaatggt 240  
 atacaactta tctattacaa attaatcaga taattctgca attaggtaca ctgtgttagc 300  
 tcgcctacat aaaaaatatt gcacatttta ttttgtctcc agatgtgatc gatgtctaaa 360  
 ctatatagaa tttcaaacta ttttaaagtt attctgtgaa atgtcatctt tataaatatc 420  
 agaactaaat gcactgtaaa cagccatttt ggtaaacatg catttattca cagttgattt 480  
 atttccttta gataaatgtg taactgctca aaattatata ataacttatg tagagggtaca 540  
 agagcacact atacaaatct atttctatct tcatgttgag gaaacactga tcttggtcaaa 600  
 aatctggcat gattttttaa atgaactatt gctggtaaga aggcatactt taaaactttt 660  
 ctgtggcctg cacctgtttt ctttttaaat taaaatgtaa aagcatttgt tttcagagat 720  
 tcattttatca ctgagtaagt gattacataa aaaaatggac cctaaagcaa ctgagttaaa 780  
 atgcttttgag agccccattc tacttgtaag ttatcaatgc cttaaactgt tagaccactc 840  
 actaatcata attttaagaa acggacaaaa tcagacaatt ttaatgtcat gaaattgaca 900  
 caaacctgca taatacagca ttcctccatt gatttgaggt catattatac tttaaaaata 960  
 taaataaata tattgaatca tgagtcttat ttctataacc ccaaaaagtg tttcaaaatg 1020  
 cttctaaaac agaagtgggt gactgtagaa tatagttcca gacttgacta ttactgtcaa 1080  
 acacaatcgt tccttacaaa taactctaact ggtgcaactg cttgattgat tccagcaatt 1140  
 tcatttttaca ggagtgaacc acacgttata cacacagaga atatattact tgaaaatccc 1200  
 caaaatagga agaaaagttt agaaaagttgt caaatacttc caaatgaaaa gtaaaggctc 1260  
 atttctagcc ctctttcata cccttaaagt tggaaatctg caaaagtcca tgggtacaat 1320  
 ttacaaaact tgacaaaacta ttaagtaaaa accattttct tggggggagg tgagagaagg 1380  
 taccttttaa acctgttata caaaattcca gctgcctttt tataaaaagta cgttccttag 1440  
 attaaaacca taaaattaaag gtgcaagagt taaacaaaaa tgaactaaag agctttattg 1500  
 acatcacagt acattcaaga ataattttaa gaaacttaca gctgaaagag aatggcatgt 1560  
 ttatagtctt attatgcact atattttttg aaaaaaacgt aatacaaaga aatcctatta 1620  
 agtaacttgg agcagcattg gaaaaagtac ccctattttac agattaaaaa aaaaaaagat 1680  
 tctggtttca cctacacagc cacaatgtgc ctctataatg agacaagccc ttaaaactca 1740  
 tggaaatttt ttaagaaca tcatggcatt cttgccacat cattcctcag cgtttacgac 1800  
 ggggaggggt tgttgatctg aaaaaaaagg gaaaagacaa aatttaaaaa taaaaatgta 1860  
 ttttaatta aaaatctgca atttttaata aataatatta tataggattt ctaacattta 1920  
 agactatgat tatttatcaa gtaccaaact gagtttatta aagagagaga gaaaggacac 1980  
 tttcaacttt gaataaattc agtcaatttt ttttaaaaat cagacaaaat actttaaaaa 2040  
 gtatactacc ttgatcggga cttagacttg tgtttgcggc ttgccttctt accagacctt 2100  
 tgagatttct ccacggatcg cgatcgacta tgttttaggt tcttagcctt cttttctttg 2160  
 ctacttctcg gagactcaga actgctcctt ccactagaat catgtcttat gattttaaca 2220  
 ctatcttttg tagtactttt cttactatcc tgtctagaat catgtcttat gattttaaca 2280  
 gatatagaac cactcctaga aaatgttctt tcactttctc gtttcctttt taatctatca 2340  
 tcttgactac tgaacttaaa atctttttct tccctttttt gtttctcttt tcttttatcc 2400  
 tgttcacggt ccctttcttt gtctttcttt ttctatctt tatctatact tcgactcctc 2460  
 tcttttttcc tctcttggtc tttagcctca cctttatgct tatgactgtt cccactaaga 2520  
 tttccacggt gatcatcaat tttagccta tctcgactcc tactgcgact ggcacgattg 2580  
 gttcgtctat cccttgagcg acttctactt ctacgtctct ctcggaagg actccgattt 2640  
 cgctgtcttt ctctttcaat gctattttcta ttagatctcc ttctatctct aatctttacc 2700  
 ctagccctat tgctctctat tttaattctg cgagaatagc ttctactcct gctacgtcta 2760  
 gctttgattg ttggagatct actcctactg tgtctctttt tcccttttagg agaagaagac 2820  
 cgagaagaag tacgactact acctgagcta gaactgtatg aagagctaga gacagtacta 2880  
 ctagtactac tagttctgct attgctactg gaactaccac tactagaact tcccaccta 2940  
 ctccctcctt gtttttcttt ttctttatgc tctttttttg gttctaaaac tgatgtggtt 3000  
 tcatttggag ttctctctt ttcatlaacc acatcacgt ctgcttctct tgcttctagt 3060  
 agtgataaac tattttgctc tttatggata aattcattca tctcttttgt aaccctttct 3120  
 gtttgcgtct tttcttcttc catctgttta tcatgtaata gctgctgttc tttttctttt 3180

```

ctccaaaaag cttcctgttt ttgccggatt cgatgccgta attcttcatc atcagtgtca 3240
gatgactcag atcctctgtc actcctctca tcttcactgt ctcctgatcc ataaccaccc 3300
agtcaccaga gtccagttag ggaagccagt gcactggact gtgccagctg ttttgcagga 3360
gctttcgttg ctttgcggtg tgcatctttg gctacgtaat aaatttcttc atctgtgaca 3420
tccagcagaa tttctgttag aagcattttt gtcagcaaca tcatttgata ctctttctcc 3480
tcttcagtca tctcagggtc actgtgtctt tcttgaggaa ctggggatgg acttctgggtg 3540
actttccac tacttgagc ctcaacattt tcagtgtctt cttcttctc atcactatca 3600
aatttacttc tctgaggtaa acgagggcca tcccctcctt cagcatcttc tgtggccttt 3660
ttttcttttt tggacaattg tgaacgttgt tgttccattc tttctttctc caatttcttc 3720
tgcttttcac gttccatttt ttcaagacct tcgcgaatcc aagcgggaag agtcctgcgt 3780
tttactgcgt caatttgttg aggctcctgc ttcacaggaa gtgcaatagg tgcaacgctg 3840
acgatccctg aatgatgatg gcctttctct tcgattctgg ggaggtgctg gaagtccctg 3900
gagttcctgg ttgccaataa ggaggatgaa atccaccttg cgggggacca aaagcagccc 3960
catgctgata gtcaaactgg ttcactggcc cactgcaaaa attatcgggg tgggccacca 4020
aagttgtgat tgttctgggt aaatatatgc ctggtgtcag gggcaaattc cccactgtcc 4080
tgactgttgc tgtcttcaga aggaggaaca atgtccattg ggctgtgtg tgggtggcatc 4140
catggctgat ctggaggggg gtgtgggggt tgctgatgca ttccccattc tggttgccac 4200
attctgttga agtttgaatc cccttggaat ttcccatgat tgtttgacc agattccatt 4260
gtagacatat cttgtccatt tggcatcatt cctggtggtt gttctaccat gctttgctgt 4320
cctgaagctt ctctttgggc aatccaagct tgggccaatg cagcccaatc aatctggctt 4380
ggatcctggt ggtgctggaa tgactgcac cattgttgc ggttcaagg ccactgctgc 4440
caaggtgtc ctcttgatc ccacatccct tcttttaaaa tatacttgat tttctatctc 4500
agaggttcac cttctgttta aaacttaggt tgattcagac tacagcttcg aagcatagca 4560
gcaagattat gtatgcccc ctctagtctg ggaacacct tgtcgccgcc gttccggtaa 4620
cacctctcca acgctttccg gacgcgtggg tcgacc 4656

```

<210> 7420

<211> 2731

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (113)...(732)

<223> similar to gi5578990 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7420

```

ccgaatcccg ggcaccacgc gtccggcctc gcgctcctgc tgatgcggta gctgcttttc 60
gtcgactctt accggttggc tgggccagct gcgccgcggc tcacagctga cgatggggga 120
ccccagcaag caggacatct tgaccatctt caagcgccctc cgctcgggtg ccactaacaa 180
ggtgtgtttt gattgtggtg ccaaaaatcc cagctgggca agcataacct atggagtgtt 240
cctttgcatt gattgctcag ggtcccaccg gtcaattggt gttcacttga gttttattcg 300
atctacagag ttggattcca actggtcatg gtttcagttg cgatgcatgc aagtcggagg 360
aaacgctagt gcatcttctt tttttcatca acatgggtgt tccaccaatg acaccaatgc 420
caagtacaac agtcgtgctg ctgagctcta tagggagaaa atcaaatcgc tcgcctctca 480
agcaacacgg aagcatggca ctgatctgtg gcttgatagt tgtgtgggtc cacctttgtc 540
ccctccacca aaggaggaag atttttttgc ctctcacgtt tctcctgagg tgagtgcac 600
agcgtgggca tcagcaatag cagaaccatc ttctttaaca tcaaggcctg tggaaaccac 660
tttgaaaaat aatgaagggtg gacaagagca aggaccaagt gtggaagggtc ttaatgtacc 720

```

```

aacaaaggct acttttagagg tatcctctat cataaaaaag aaaccaaadc aagctaaaaa 780
aggccttggg gccaaaaaag gaagtttggg agctcagaaa ctggcaaaca catgctttaa 840
tgaaattgaa aaacaagctc aagctgcgga taaaatgaag gagcaggaag acctggccaa 900
ggtggtatct aaagaagaat caattgttct atcattacga ttagcctata aggatcttga 960
aattcaaatg aagaaagacg aaaagatgaa cattagtggc aaaaaaaatg ttgactcaga 1020
cagactcggc atgggatttg gaaattgcag aagtgttatt tcacattcag tgacttcaga 1080
tatgcagacc atagagcagg aatcacccat tatggcaaaa ccaagaaaaa agtataatga 1140
tgacagtgc gattcatatt ttacttccag ctcaaggtag tttgacgagc cagtggagtt 1200
aaggagcagt tctttctcta gctgggatga cagttcagat tcctatttga aaaaagagac 1260
cagcaaagat actgaaacag ttctgaaaac cacaggctat tcagacagac ctactgctcg 1320
ccgcaagcca gattatgagc cagttgaaaa tacagatgag gccagaaga agtttggcaa 1380
tgtcaaggcc atttcatcag atatgtattt tggaagacaa tcccaggctg attatgagac 1440
cagggccccg ctagagaggc tgcggcaag ttctccata agctcggctg atctgttcga 1500
ggagccgagg aagcagccag cagggaacta cagcctgtcc agtgtgctgc ccaacgcccc 1560
cgacatggcg cagtccaagc agggagttag atcgggtgct ggaaaactct ccgtctttgc 1620
taatggagtc gtgacttcaa ttcaggatcg ctacggttct taatactgaa gtcatgatgt 1680
gtatttctct gagaaattcc tctttaaatg aacaagtaac cacatctcag gcggcagtga 1740
agtccagata gttttgcaga ttgttttgct actttttcat atggatatg tttctgattt 1800
ttaatatctt ttttgagaaa ttctgagttc tgatgtagga gctttcctgt gatttctgtt 1860
tcacgttcct tctgtcaca ccctcctttg gcgtctctgt gtatatcctt gctttatctt 1920
cttggaacct ttgatttcaa cactgagggc ctggagacct cggctcctcc tgctcctgaa 1980
ccaggaggct tcatgtgggg gaggaggaga ggtctccatg tgacacatgg gctcagggct 2040
gccagaatca gcggatgctg gatgggctcg cagaaacaac actcaccaca cacacttctt 2100
tcaaagacc aaaagtgact ggtgtctcgt gtgacagatt gcttcattta tgtttctaca 2160
tagtaagggt actgccaaat aatattttgaa gtcatctgtc tctttgtaaa ttattttata 2220
tgacctataa atttaaaaaat gtttttcagt gagtgttttt aacaaactta agcttctgcc 2280
ctgccaaggg aattaatggt atcttgtgaa aggtgttgct gtttgaattg atgagaaatg 2340
gaagatgaga actccctaag agttctcata ataaatcatc tcatcacaaa tcaatacggg 2400
atacagagtt aaagtggaat gaggtgaaga gatacagcta cagaaaatag ttgctgtgat 2460
gggagaacag tcattgtaat tgggtagttt tgtaataaaa tatttttaaa tcttgctttt 2520
cagaaattac cgaatgtgta taaacaaata aagaaaaata atttagctgt gtttttagaca 2580
gcattagaat atattgttca gcacagtaaa atatatgtga aatttgataa gccaaaaatg 2640
tggttttgaa tgaatatctt gtgaatcttt cttaaaagct caaatttgta gacttctaaa 2700
tagaataaac acttgcagca gaaaaaaa a 2731

```

```

<210> 7421
<211> 2981
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (899)...(1426)
<223> similar to gi3184113 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7421
gcggccgccg cctctggccg ccgccttcgc cgcttcagac ttcagaacca gcgtcgtcct 60
caaccacctg gccgagaagt ggtttccggg ccagcgcgag cggggccggg cggccggcag 120
gctcggggag ctactgcacc aagggggcgt aacgggaagc cctggcgggc gcctgcgagg 180

```



cgctgcgagc	agaaacccag	tgacttgatt	gtaaaaattt	acagagcgga	atcatatgct	240
gggtctccaag	agttttaaagc	agccatagaa	gattttaaag	cagttctttt	tcaacttcca	300
gattggcctg	aggtctactt	caggaaagga	aaagtactct	ggcgatgctg	gttttttagg	360
tgatgcctta	caactctttc	ttcagtgcct	agcccttgat	gaagattttg	cacctgcaaa	420
gctgcaagta	caaaagattt	tatgtgattt	attattacct	gaaaacttaa	aagaaggcct	480
gaaggaaatct	tcctggagtt	cattaccatg	tactaaaaac	agaccttttg	attttcattc	540
agtgatggaa	gagtctcagt	ctctcaatga	acctagccca	aagcagagtg	aagaaatacc	600
agaggtcact	tcagagcctg	tcaaaggaag	cttaaaccgt	gctcagtcag	cacagtctat	660
aaattcaaca	gaaatgcctg	ccagagagga	ctgtttaaaa	agagtgtcct	cagaacctgt	720
tctgtcagtt	caagaaaaag	gtgttctgct	gaaaagaaaag	ttgtctcttt	tagaacagga	780
tgtgattgta	aatgaagatg	gaagaaataa	gctgaaaaaa	caaggagaaa	ctcccaatga	840
agtctgtatg	ttttccttag	cttatgggtg	tattccagaa	gaattaatcg	atgtctcaga	900
tttcgagtg	tctctctgca	tgaggttggt	ttttgagcca	gtaacaaccc	cttgcgga	960
ttcggttctgt	aagaattgtc	ttgagcgttg	tttagatcat	gcaccatatt	gtcctctttg	1020
caaagaaagc	ttaaagagat	atctagcaga	taggaggtac	tgtgtcacac	agctgttgga	1080
agaattaata	gtgaagtatc	tgcttgatga	actgtctgag	agaaaaaaa	tatatgatga	1140
agaaactgct	gaactctcac	acttgaccaa	gaatgtttcca	atatttgttt	gcactatggc	1200
ctacccact	gtgccttgcc	ctctccatgt	atgtgagcca	agatacagat	tgatgattcg	1260
aagaagtata	cagactggaa	ccaaacagtt	tggcatgtgt	gtcagtgata	cacaaaatag	1320
ttttgcagat	tatggttgta	tggttacaat	tagaaacgtg	catttcttac	cggacggaag	1380
gtctgtggtt	gatacagttg	gaggaaagcg	gtttaggggt	ttaaaaagag	gaatgaaaga	1440
tggatattgc	actgccgaca	ttgaatatct	ggaagatgtt	taggttgaga	atgaagatga	1500
gattaagaat	ctcagagagc	ttcatgattt	ggtttactct	caagcctgca	gctggtttca	1560
gaatttaaga	gacagatttc	gaagccaaat	tcttcagcat	ttcggatcaa	tgcccagag	1620
ggaggaaaac	cttcaggcag	cccctaattg	acctgcatgg	tggttggtggc	ttcttgca	1680
tctccctgta	gacccacgat	accagctgtc	ggttttgtca	atgaagtctt	tgaaagaacg	1740
gttgaccaag	atacagcata	tactgacctc	tttttctaga	gaccaatcta	agtaactaac	1800
tctttggatc	tcccttttaa	gtgaccttaa	tctggctgca	ttgatggcca	gattgtctgc	1860
tgcttttgca	catctagtgc	tggtttcaga	aattttaatga	aacttttctt	tttcttctga	1920
cctcctgaat	catgtggttc	tgcaaatgaa	taccttcaac	taggatttag	accactaaga	1980
acttgacag	aaaaacacgc	attgaatgtg	tgctgaacct	ctacattgtg	aagttgcact	2040
atgtaccata	ctctaaaatg	aaataagaac	tctttatgtc	tgtgagagag	tgtgtgtgtg	2100
tgtgtgctg	cggtgtgtgt	tgtgggggtt	gggtagtgtg	tgtgtatttt	ctctggcttt	2160
aaaatttttaa	aacaaacaaa	caaaaaagcc	atagagagca	gaacttgccg	agggtcattt	2220
attgcccaag	tttacaagag	tagcgataca	agtttttgca	aattgaattt	gcctcagata	2280
tatctgtcct	aatgcttata	tttgacaaag	tatgtaaaat	atcgtgttga	ggatcattct	2340
ttgttgga	tactgctctt	gctgaactgt	cttgaccatt	gactatgaca	cagtttctta	2400
tttatgtaaa	tacttgcatc	acagtggccg	acaggcattg	gatgcagaac	ctagagccag	2460
ttttcaggaa	caattgtaaa	cctgacatgg	tactgtgcat	ctattcataa	aacactcaaa	2520
actgtgaaaa	tatggtttac	atttaattgt	acataaaggt	aaaggagag	ctcaattcag	2580
taccagttag	tttgtacatt	ttagggggct	tttcacatta	actgccatt	tgtgtaat	2640
atagtttgac	atgatgtgtt	tgttttaaaa	aaaaatgcat	agtataaacc	cattaaggat	2700
ctgggaaaag	agaagaagtt	taatatagaa	ctaagctttt	aaagtttggt	tttgttttta	2760
attctggtct	cggtgcaaat	gttagttatg	ccttattcat	atcacagtta	gatcaccatg	2820
ctgcaacatg	gttttatattc	atgctgccct	agaaactttt	gtaattattt	gttgcaaat	2880
tgtgactgtc	cttattaact	ttcttttatg	taagtaattt	gtaaaagttt	cttaaaattt	2940
ttgcttttgc	ttatttaatt	ttgaataaaa	gctaaattcc	t		2981

<210> 7422  
 <211> 2831  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (220)...(744)  
 <223> similar to gi2894532 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7422

gtgacgctct	atccttgccg	gggactcgtg	ggtaacttgc	ttttgggagc	cagcgggtatg	60
gcgtcgggct	gcaagattgg	cccgtccatc	ctcaacagcg	acctggccaa	tttaggggcc	120
gagtgccctc	ggatgctaga	ctctggggcc	gattatctgc	acctggacgt	aatggacggg	180
cattttgttc	ccaacatcac	ctttgggtcac	cctgtggtag	aaagccttcg	aaagcagcta	240
ggccaggacc	ctttctttga	catgcacatg	atgggtgtcca	agccagaaca	gtgggtaaag	300
ccaatggctg	tagcaggagc	caatcagtac	acctttcatc	tcgaggctac	tgagaaccca	360
ggggccttga	ttaaagacat	tcgggagaat	gggatgaagg	ttggccttgc	catcaaacca	420
ggaacctcag	ttgagtattt	ggcaccatgg	gctaatacaga	tagatatggc	cttggttatg	480
acagtgggaac	cggggtttgg	agggcagaaa	ttcatggaag	atatgatgcc	aaaggttcac	540
tgggttgagga	cccagttccc	atctttggat	atagaggctg	atgggtggagt	aggtcctgac	600
actgtccata	aatgtgcaga	ggcaggagct	aacatgattg	tgtctggcag	tgctattatg	660
aggagtgaag	accccagatc	tgtgatcaat	ctattaagaa	atgtttgctc	agaagctgct	720
cagaaacgtt	ctcttgatcg	gtgaaaccat	aaggagccca	gtgttccccg	ttccatggaa	780
tctccccttt	tacttgggaa	aacaggaata	ttgactacca	aatcacaatg	caattgaagc	840
cgtactgctt	ttttgagcag	ttattcattc	cagtgattaa	aactgattgt	gcagaatatt	900
ctaagaggtc	agaaattggt	gtgtataact	acatttttag	tgatgcaatt	tattgattag	960
tgagtaagat	actgttttta	ttgagagatt	tgatttttat	aaagtaaaaa	tacggctgca	1020
ttagggttac	aaacagaaaa	gtgtcttaat	gtctaaggag	ggcatattag	ctacactaca	1080
aaaacaaatt	ttgtctgtac	ttctgaaaag	aattttgttg	tttctcagct	gttttccaaa	1140
agcaaaggaa	gtcttaatgt	ttttttctat	ttcgtgttat	gtgtgatttg	tttataagtt	1200
tgggtggggg	gcataccata	ttcttggttc	ttaaaatcta	tcacttttca	ccttacactt	1260
gatgtgtgaa	aactataaaa	acaatgtgtg	aaaccaggg	gttctaaaat	acaagcatag	1320
attttatcag	ggtgttttgt	caaagcaggt	tattcagtga	ttcctcccca	ccattcttaa	1380
gaacgttaaa	taatgctgtt	gtgttagctc	tgagtagaaa	ggaaaaagta	aaacctctgt	1440
ttggaggtaa	tattgggttg	aattctgact	gcccctttct	agctggacct	ttaacaaatc	1500
acccaatctt	ttttgtgttt	ctctaaagtc	atttatacat	taaatgtaat	tatagcaact	1560
gtgggggttct	gttgagaatt	aagagctaac	actatatatg	taaagtttcc	agtactagtc	1620
ccagaattta	gaatatgctc	aacacaaagt	aaacagcatt	atataagttt	atatttttgt	1680
gagttataaa	gtactttgat	atattctcat	taaatctgta	aatcacctct	ataagtaagt	1740
ggtaataata	aagcagatat	ttttgtcccc	atttaaaaaa	tgaagaaatt	aatgcttaat	1800
agggtgggtac	cctggaaagg	atctgggaag	gggtaaaatt	tctggctctgt	actttttaca	1860
atggagccct	tgggaggtgg	gttaggtaaa	agaagctttt	tacttaacgt	tgtcttattt	1920
ccagtctaat	tttacgctgt	agcagaacca	gatggctgag	aaaattctgg	aactatggat	1980
cttgacccca	aggatatatt	attttattcc	aagaaagatc	aggtaggcga	aaagatgaca	2040
ggatacagag	tcaatccata	aactaaatat	ttataactgt	tctgaattat	acagagtcta	2100
aaaatatgtg	tcagctactt	cattcctgta	aataactctg	ctgtgttata	aatatggcaa	2160
gaaataaaca	tgaccaatat	caatagactt	cttgaggcta	ctataagttt	tgagaaataa	2220
ggttcaaaaa	ataagaatgc	taacacttaa	gcacagacta	gagcttgctt	gggtttcttc	2280
ctgcattaca	aggtaaaaaat	ttgttaatgt	ttgtttttat	tcagcttggg	aaagctttgt	2340
gccatgaata	cgtcgcattt	aataacaagc	aacacacggc	atatagaaat	aactttaatt	2400
aaaaaactta	catagaagat	tataatatca	gacgtgacaa	agatttgagt	ttatttgcct	2460
ggacaacttg	ggtttgtctg	gcttttgttt	tctttttctt	taaaaataaa	tgtacagtaa	2520
aactacaagc	aaaagtttgt	cagtattgaa	ttgaattttt	taccocctta	avaggactag	2580
tataatttcc	ahatctctaa	caaaaactta	gtgtcaaatc	tcacagataa	ggccaaatgg	2640
ccaatatttt	cagttatgtg	ggtagtacaa	cttgagtaac	cttttttaca	tgacaaaaag	2700
tgagttatat	aaattgtcct	caactttcac	ataggaaaaa	aatggtttaa	tagcttcaaa	2760
aggaattttc	tttcatgtat	actcttcagt	atccaatatt	gaagctttgt	tctttgaaaa	2820

09433725.012100

attttaattt c

2831

<210> 7423  
<211> 5352  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (159)...(1857)  
<223> similar to gi4589592 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7423  
agaccctggg gaggtggctg ctccggagttt atgagacggt tgccccacc ctggcgtgcc 60  
tgccccggcc gcggttgagg aggaggagga ggaggaggag gaggaggatg atctccagat 120  
acactcggaa ggcggtgccca cagagcttgg agctgaaagg aataacaaaa catgctctta 180  
accatcatcc ccctccagag aagctggagg aaatttcccc caccagtgcac agtcatgaga 240  
aagacacaag ttcccaaagc aagtctgaca tcacaagaga atcatctttt acatcagccg 300  
acactgggaa ttactgtctt gcttttccaa gttatacagg cgcagggata tctactgaag 360  
gaagctcggg cttctcctgg ggatatgggt aactcgatca aaatgccact gaaaaagtcc 420  
agacaatgtt cacagccatt gatgaactct tgtatgagca gaagttgagt gtgcatacca 480  
agagtctaca agaagagtgc caacagtgga cagctagctt tcctcacctc aggattctag 540  
gtaggcagat aatcactcca agtgaagggt atagattgta tcctagatcc ctttctgctg 600  
tttccgcttc atatgaaaca accttgtctc aagaaagaga ttctactata tttggtataa 660  
ggggaagaa gttacatttt tcatcttctt atgtctcata agcatcttcc attgccaaat 720  
cctccagctt ttgttctatg gaaagagatg aggaagactc tataatcgtc tcagaaggaa 780  
taattgagga atacctagca ttcgatcaca tagatataga agaggggatt catgggaaga 840  
aatcagaagc agctacagag aaacagaaat taggggatcc tccattgct ccattttact 900  
gcatgaaaga agatgtcctt gcttatgtgt ttgacagtgt atggtgcaag gttgtgagct 960  
gcatggagca gttgacagt agtcaactgg aaggatttgc ctctgatgat gagagtaatg 1020  
ttgcagttac cagacccgat tcagaaagtt cctgtgtgct gagtgaacta catcctttgg 1080  
tgttaccgag agtgccacag tctaagggtg tgtacattac ctcaaaccg atgagtctct 1140  
gtcaagcaag cagacatcag ccaaagtga atgatctctt ggttcatgga atgcctctac 1200  
agccaagaaa tctctcccta atggacaagc tcctagatct tgatgacaag ctacttatga 1260  
ggcctgggtc cagtaccatc ctttcaactc gaaattggcc aaatcgagct gtggagttaa 1320  
gtacatcatc tctgtcatac acagtgcagt ccaccaggag acgcaatcca ccaccacgaa 1380  
ctcttcatcc gatcagcacg agccattcat gtgctgaaac accaagatct gtggaagaaa 1440  
tcctcagagg agcccagtc ccagtggcac ccgactcgct ctctctccc tcaccgacgc 1500  
ccctgagtcg aaataatctg ctaccaccta ttggcacagc tgaagtggaa catgtgagca 1560  
ctgtggggcc acaaagacag atgaaacccc atggcgactc tagtcgagct caaagtgcgg 1620  
tggtggatga acctaaactat cagcagccac aagaaaggct ccttttgccc gactttttcc 1680  
ccaggcccaa cacaactcaa tcatttttgc tggatacaca gtatcgctgc tcatgtgcag 1740  
ttgagtatcc tcatcaggcc cgacctggca ggggatctgc aggtcctcag ttacatgggt 1800  
ctacaaaatc tcaaagcgga ggcagaccag tctctcgaac caggcaggga ccataaggca 1860  
aatgagaaga atctatcagg ctgcaggaaa cagcagattt catgaagcag tattcagtca 1920  
tcaagtgatg cagagcttgt atagaagatc gactagaaat catcttcag aagagtgatt 1980  
ttggcacaag tgaccgaaga acaaaacacc atagcagcca aaaatgacat gagtgttgtt 2040  
tctatctcca gttactgtct ctttcagcag aaattaacct atcccattgg aaaggcaagt 2100  
ttgtacccaa agatgcaaca gtgaataata cccaaatcac tgctcatgtt atctcttaac 2160

00483725 040400

aatgatcagt	tcaatcatat	aggatttgat	gagctcacac	atacacaaaa	agcagcaaat	2220
catcagtgac	aatatcactg	gcttcagaat	acttcagcct	gtgttcattt	ctggagagtt	2280
gtactcagtt	ttaagtcatt	ttgctgttga	aaatctgacc	tcatcaaata	gatgtcattc	2340
ctaaaactct	ctttagatgt	cctaccctat	cagcagatta	aatggaagg	ggtgtgtaac	2400
taaaaacata	aatgttaagc	attagtataa	agtaacttct	gtaataaatt	atatcgcata	2460
ttttttcaga	taggacagct	caaccttacg	atgcctacct	gatgccaggt	gatgcttatt	2520
ttcttcctaa	agtaggttac	tggtcatatc	ttttttccaa	atattaaatg	caccttgcca	2580
gatattctcc	tgcagctcta	aggaaaggaa	atcaatttaa	aaataatttg	tagaatctac	2640
tattgagcca	ccaaagtata	attccctaaa	agtttaagaa	accctggcaa	ttaattcagc	2700
ataaacatat	cctataaaca	gcaggagagg	ttcagctttc	tgattttact	gtggaccttt	2760
tcctaagggc	attcatgaat	gcagcaacag	ttttaactat	ggcttacatt	tattttaaat	2820
ttcactaaat	acaaatcttg	attgtcatgc	cagtttttaga	tcttattaat	tttcagaatg	2880
gataaattca	aataatcata	aattacggta	actttttatt	ataccaaggt	gttctaattg	2940
catcatatga	agacagatgc	ttcaaacaac	ctgcattaaa	ttatatTTTT	aataaaatta	3000
aaatctattt	ttaacctatt	tgtaggtcac	aaaccgaaaa	cgtgtcgtct	ttaccttagg	3060
aggctaagg	gcttacttta	tggcatacgg	gtatatTTTaa	taggtctaca	aatcaaagga	3120
tttaaacagt	cccttaaaaa	ttccatatat	tctcatacca	actcatctac	ataggaaatg	3180
gaaaatctct	attgttctca	caaaccatta	ccatgagttc	actattaaca	actggatcaa	3240
tatggcttgc	ctttcaaagt	taaagaatca	gaaagggggc	tgtaagaagt	catttagccc	3300
aattccctca	ccctgtgtgt	tttccctcaa	agccagtgc	atTTTTTTTT	aacccaaaaa	3360
ctggacatgt	ttaatacata	cagtttgaca	aatttggtatt	tcactctttg	ttttgatgta	3420
gtaactcttt	tataaaagg	aacagattca	gacaagctca	gtggcccaac	tgaagacatt	3480
cagcaattaa	tggcaggact	tcagtaatca	gtggcaggac	tacaacatac	atctcttcat	3540
gctagggaaa	ccaggctctc	tattataaag	ctgaccagg	ctattgtttt	ccccttttct	3600
ctcatcctaa	acaccattca	tatttttctc	aggtcacatt	ttagtgggat	catttaca	3660
gccccagaa	cttaatcatc	atgtttttacc	ttttttattg	aattatatac	acctcttaca	3720
aaaatgcttg	aagtaattta	acacctgtac	atcagtacaa	aacctggctg	agtaaaatga	3780
agagaggatc	tattcaagat	cattaagacc	aaatgtaaac	tggaagat	gtggaagata	3840
gctgtccagc	aagtgtctgg	aagggttct	agctgggtag	agagcctatt	ctaacagaca	3900
cgcacatcgc	agaaagcagc	atgaacagaa	ccacatccta	gataagagtt	ctgtgtacag	3960
aagatccatg	gaggcaagt	ctgtcaggaa	ggacactgcc	tcctccacc	ctcccaaatg	4020
tcaccacca	gttccttcag	gtgagacctc	acacaatgtc	aagtgtttc	taggaaatag	4080
taagatcagg	ttgagagatt	ctgcttggtc	tagtcaatct	gaaaaattca	ggctggaaag	4140
acaccttttc	tcaagagctg	aattgacttt	tgccttcaaa	tcctgcctgc	accttgcccta	4200
cgatggcatc	aattttacacc	taaggacctt	tgaagagaaa	aattccatta	tttcttttct	4260
ttcttgagag	cagatttttt	ccctcctcct	ttggaagatt	tgcagtaact	tgcttccatc	4320
tgagccagaa	aattgtccat	ttcctttttg	cgatcctttt	gtctgtctctg	tttgagaagt	4380
taaaacacaa	gctttcacaa	cattatccat	agacagaaa	tacctagtgg	ttgccagggg	4440
ctggaaaagt	ggaataacta	ctaattgggt	tggagttttt	ttggaatggt	gaaaatgtcc	4500
tacaattggt	gttaataatt	gtaaaacttt	gtaaatacac	ttaaaaccac	caaattgtac	4560
actttaaaag	gacaaataga	aggtatgcgg	ttatgtctta	aaagaagaaa	acaaaatata	4620
acattccaaa	gaaaatatta	gcagtaggaa	tcagatcatt	aaagatgtgg	caacaaactg	4680
ccaagtttac	ctgaatggct	gccttcaggc	tatccacgcc	ttcatcaagc	cccaactcct	4740
ttctgctcat	ttctgcttct	ttggcctctt	cctgagcctg	aaacaggaac	tcacatgaga	4800
ctcagggcca	ccaggaaatg	cttaaaaatac	atactctttc	ccaaaagcaa	atctataatt	4860
ctgtttcaat	tttatgaata	tatgaataga	caaaatgaat	cgaattacat	aactatgtca	4920
ttcattaaat	ggcaacaatg	ctgacagcaa	gcagtagatc	ctctgattcc	aattaccatt	4980
tgtttttttac	ccaattctat	ttgctagagg	tagtaagtac	tctggcactc	ataaatcaca	5040
tgatgataaa	aaggaacatg	aggccgggta	tggtggctca	caactgtaat	ccccatacct	5100
tgggaggcca	aggtgggagg	atcacttgaa	ctcaggagtt	caagacctgc	ctgggtaaca	5160
tagtgagacc	tcagttctat	aaaaagaaa	agaaatgagc	ctggtgtggt	ggcatgtgct	5220
tgtagtccca	gctactagg	aggctgaggt	gggaagatgg	cttcagctctg	agagttcagg	5280
ctgcaataag	ctgtgatcat	gcctctgcac	tccagcctgg	gtgatggaga	tgccatctct	5340
tagaaaaaag	ag					5352

<210> 7424  
 <211> 1731  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1208)...(614)  
 <223> similar to gi3879344 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7424  
 gactctcatg tgcaaccaca tctgaccatc attggtttgg tcatgtttgg catatagttt 60  
 tcttatgttt ttaaaataaa gcacactaag agaactgatt aacctacaat gacttatgtg 120  
 tttatgaagt gttctaaaaa accatacaaa aaccaaagaa acaagaaaac aaaccttttc 180  
 aacttgatgt aggggttcaga agatacatac attccaaata ccacagtaag cattcatctg 240  
 aaagtttgcc ggttggtcctt tctattaatt aaaaaaattc aaaacagaat acagatttaa 300  
 ctatgtacaa tattttacaac ttacagattt tacaacgaaa ttatacagtt aagtctgtcg 360  
 tggaaaagtt ggcatttttg tatataacac ttcagaaatt tcaaaaacaa ctttacctca 420  
 aaaacatggt acacaaattt tccaaagtgc tgtagctcac tggctcattt tatctcaaca 480  
 atccagttta gcaatccagg tacccaaattc ttgaggcatg aagtaaccgc tatactactg 540  
 agagacagca cttttttatac aacagcagag gctgtagaa accttggggtc tttaaaacct 600  
 tataacaatg ccccttttcac cctccaatcc tgagacaaca aatcctgtag ttccccctca 660  
 tcatcgctgt cagcattctc ttcttccttt ttctgcagtt cttttatggt caggatttct 720  
 ttaagtttat tttttatttc atcctggcga ttccgtagct tttccaccgc tcggtaacac 780  
 tctatctgct catcgatctc cccaatctgg cggccaacc gtccctcctc atcctcttcg 840  
 gcaactatgg cttcggaat agtggtgacc tgcctcatgg ctttttgga ttctgtccac 900  
 tctttgtcca tctgatcttt tggagcatca acctttcgta ctcttgcac tacctcaggg 960  
 tcgtcaaaaa aaccttcggg taacgcttcc gcggtgtttt ctctcctttc caccactttt 1020  
 tcatgtattt ctgctttctc aattgacctt gaatgaggaa ttatgggggc cttgggagga 1080  
 ttagtactaa agaaatcggt tggcagcaca ctacttgta cctcccgta agaggaaact 1140  
 gagtgtcctt tgccctgtgc gtcggagagc ggcttgctgg cgtccccctt ttttctttct 1200  
 ccatctcctt cctcctcctc ttctcctcc tctcatctt cataatcggg gagtaaactg 1260  
 agtcctgaag gcttactggg agtcgctcta atgaactcct ttcctatttt gtcaaagttg 1320  
 gtggtccacg cagatgtgga gggctgtacc tgaggcacca aggtggcctt cgtctcttg 1380  
 acatcttggt cgtctgcgtc cggcgttttc ctcttgacgg actgaggcgc tgaactggcg 1440  
 gacgaacctt ggctggcttc cttcgcgcct ttcagctcgg ccactttctc tcggtgctgc 1500  
 tttcccagga cgtgagtctg ccacaggagc tcgctcttaa ccggagtgtt acacagggca 1560  
 caactcagct gccccaaacg gttgtacttc gcgaatggag attctatccg tttccgactg 1620  
 gtgctcagac gctgcttctc cttcattaac cgccgcaatt cttcctgatt tatcactcgc 1680  
 ttccctgcgc gagtcggggc ggaggcggag gacgccatct tggcgaccag a 1731

<210> 7425  
 <211> 1444  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>



<400> 7426

tttttttttt	ttggatgtgg	gcaaacccttg	ttttaattgc	aaacgactta	atttacagca	60
cattcaataa	tgaaccaaca	ggagagttgc	tgactttgta	acatatgaat	atataaaaaat	120
cccttgcaat	tcaggtagtc	aaggtaaaaa	gcgcatacaa	ggaaggcaat	cctcatttttt	180
ctgaaaatgt	ttacatttta	aaaggtgact	agacatactt	ggaagttcaa	agcagtagga	240
tgtagcttgc	agggaaaaga	aaaccctttt	ccatgttggt	aggcagaagt	atatcaaata	300
tatcccaatt	ccacttgata	aaagtcagtt	ggatgacctc	cttgaaccaa	tctagggcag	360
aacacttagt	aaaagcgggc	cctgggtggg	gatgtgaatc	caggagaaga	ggggcaccag	420
atcccatgca	gcgccaacaa	catccattcc	accctctaac	acatacgagg	catgtcacc	480
catgtccctg	gacacaagat	ccacaagaac	agtcagcaga	tggtcactgc	tcccacggcc	540
tggtgctttc	taatggtctt	aattcaggcc	atggagaaaa	tcctttacca	ccaaacacaa	600
actgtcattg	aacttcagtc	ataaaggatg	ttgtggggga	aattcttgta	acacatacat	660
aaggacttct	atttacctaa	ttagaacaat	gattacacaa	ttgacattcc	tgtttccata	720
aggttttggt	ctctatgctg	gaatggctga	agaaaaagtt	gtctattttt	ggttttattt	780
tacattttca	aaagagaggg	aacagagaga	aaaatgccca	actttggggc	ccagcaggta	840
caaaagcaga	cttctaggtc	catcagattt	gggggaagtt	tcaatgccta	gggaaggtta	900
gtgaagccca	ttatatcccc	aatcgtagag	gaagaattct	acagttaatc	tatcacagt	960
ttccagcaaa	gcatatgttg	aaaactacag	ttttcaatct	aacatctaaa	ttttaaaaag	1020
tagcattttc	gcaacaaaca	agctcagaga	ggctcatggc	aaaagtgaag	taacagaact	1080
attgctcaga	tgtctgcaaa	gtcaagctgc	tgcctcagc	tccgcccact	tgaaggctta	1140
ggcagacacg	taaggtggcg	gtggctcctt	ggcagacca	ttcacagtgg	catcatcata	1200
cgggggtagc	agcaccgtag	tgtcattgct	ggtaacataa	accaggacat	cagaggagtt	1260
cctaccattg	atgtatcggt	agcagttcca	aacacagcta	atcaagtaac	ccttaaaagt	1320
caagataatg	ctaataaaca	gaagaataat	aaggaccaa	caggtaggat	tactgacat	1380
gacatcatct	ctgtagggaa	aattaggagg	cagttgccgt	atgtattcct	gaatggagtt	1440
tggataaata	agcacagtga	ttgcaaccaa	catgttcagg	gcaaagtcaa	agatctggta	1500
acagaagaat	gggatgatcc	aggctgcgcg	ttgcttgtag	gctccgtaag	tagccatagc	1560
acatatcagg	atcatgagaa	gagaaatcgc	aatggcaatg	cacatgttgg	catcatccat	1620
gaactcaaag	tcacctccca	gttcagaact	tgaaaagtta	tactgatccg	gatcagccag	1680
ggcactcaat	aaaatcaaca	gtaccacagc	attgatgata	agataccaga	cgccgagcag	1740
gatggtgccc	gtgcgggacat	ggcagcacia	gcagcagctg	ttggagtaga	accgcgtcca	1800
gggcgcgacc	atcttcatcg	ctccggggca	tgtgncgagn	gcgcgcaagt	tttcaggaga	1860
gtcnaccctt	cgtctggagc	ncgncgcccc	ctgctgccgg	ctccttccgc	gctccggctn	1920
cncgcgcgtc	gcccgcctgn	ccgcgggcct	gcctcct			1957

<210> 7427

<211> 2380

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2215)...(1248)

<223> similar to gi3327176 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7427

tttttttttt	ttcaagcaag	caggggggttt	aatttctcac	acacagagtc	tggggagccc	60
agtgagggtg	caatggcagc	tagatgtgtc	ctccagctct	gtcatccttg	tcttgagggt	120

tctgtgttca	cggccccctcc	aggcatgggt	tcttcattta	ggtaggaaca	aaaggccaaa	180
agaacataca	agcccagctc	tctagaggct	ccaatcagaa	ctggaccctt	taactacaaa	240
ggaatcttgg	atgaattatt	tttagcgggg	cttcaggagc	aggtagcaga	gccaaagtgc	300
acactcaggc	catcttcctc	ccaatgtcct	ccccgggggc	atttccttta	ggaaatggga	360
gtcagtcctc	acaaacacag	aaagcagctc	aaggccacca	cacaggtcgc	caaaatccac	420
atcctgggtca	ctgcttctta	gctgccgaga	caagctgggt	ccccaacatc	cctggggagc	480
taggaggagc	agaggacca	cacatgaggc	tgagaggcat	tctgcttggg	gaatttttga	540
ggcagaggct	gccccacca	cacaactcac	tgtcagggga	ccttatcctg	ctcagagagc	600
tgctctagaa	cttaattttac	atgactcggt	caggcagaca	gagttcactg	tcttgatttc	660
cacagtgtga	cagtgtggc	cccatccctg	gcaactgagg	gccgtggcgg	gtcgggggga	720
ggccatctta	aggaagagca	ggcagctagc	gttcagctt	tgggaactct	ggctggaaaa	780
ggtggttcac	agacgagttc	tggggcctca	ggcggcccgt	catatagacc	tttccacagg	840
ggagggcgaga	agcaacaggc	gggtcccagg	agaccccagc	aggtcctcca	ccgtccagcc	900
ttcacagcac	cgggcagaat	ttacacagag	aggatcagtc	tccaagccaa	agtcagggtg	960
aggcatgggtg	gtgggtgtag	agaaacgctg	ggctggcttc	cagctagaag	ccaggctgga	1020
ggcaggaagg	ctcagtcgct	tgtttcctgc	ttgatgttct	cgacggagac	aggcagctct	1080
ggacttgaag	ccttgctcgg	cgaggccacg	tctagatgct	cttccttcac	acgcacagca	1140
atgatctcgc	caggaacagg	ctccgacgag	atcttctctg	caccctgagg	gtcgtcctcc	1200
agcaggggct	tcttggaacc	ctgtctgagg	ggcgcgctct	tagtgggcgg	gattcttttc	1260
cttttcttcc	caaactgttt	cttttcttcc	tttgtggcct	ctttggcctt	cagcgggtgtg	1320
gccggttctg	cggccacagg	aggctggagc	tggtagccgg	tgagctcaca	ccagccgacg	1380
ggtagatgt	ctggggactc	gcagtcacc	cactggctcg	actcgtctgc	ccagccgtca	1440
aagtggatgc	tgaggagccg	atgcaccact	cgtttcaccg	tggccacaca	gatgagccgg	1500
ggctccatca	ggtccacggc	ctccagcttc	atgccacact	tgaagccatg	gtttgggcaa	1560
tccatgttaa	agagtctcga	tggagcggct	ttcgacttgg	tcttctccaa	gtagttctcc	1620
cagttgaaag	tctgtgcctc	ataacctttt	ggcgggtgtga	gctcaatgtc	attcttctga	1680
cagaagggtg	ccgggaagat	ggcgtgggaa	gaggcatggg	agcagaacca	gtccaagcca	1740
tctgtggagg	gccccccgct	cacacagatc	atcaggatc	catccaggag	aaccttacag	1800
acagttgcc	cgcagatgtt	gcccagattc	aggggggtcaa	tggcctccag	cttcattcct	1860
tcctcaaacc	aaccgccttc	tgtgtagact	gctcgtacct	tcttgaagag	gtaaggaacg	1920
gcatacacgt	agatcttccg	gaagggtggg	tgatgggcca	tgtaacttcg	cctctctgac	1980
atcttgatgc	cgtggcccac	acgtcgtgac	caaccactg	ggtggatcag	ggggctccac	2040
atgtggcacc	agaagtcgtc	gtcactgtca	ccatcctcgt	agaggagccg	taggcgaccc	2100
cagattactg	tgtccaccac	agccatgcga	gtgcgtgaca	cctgggactt	gtccaccact	2160
tccagccgca	tgccctgcct	aaaggggtac	ttcatgctct	ccaccatctt	gatgtggaaa	2220
tccacgggaa	gcgtcctgga	gccaccagc	cgtttcatga	ggtagccctt	ccagtcgggtg	2280
aacttggcat	ggatggtccg	tgggggcact	aggatcttgc	tggtgatggc	acaccagcca	2340
atgggggtgga	catccactgt	ttccagggtg	caccagaagg			2380

<210> 7428

<211> 5517

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (519)...(1815)

<223> similar to gi2130632 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters



<400> 7428

ttaaagccca	gaaaactgaa	atcagaggat	ttcatataat	aatctaccta	tgcttcttac	60
ccttcagtag	tttctcgttt	tggaacccaa	gcgcgtcagt	gggcggggct	tcattctcgg	120
aaaacctcgg	cggtgggagg	agtcctctcc	gggagagctt	cctgaagggg	gagagggatg	180
acttccgtaa	tctttcgtaa	gaggcggagt	cttcttccga	ggaccattcg	gaagaggcgg	240
agtcttcttc	cgaggaccat	tcggaagaag	gcggagccta	cctctcatca	ggaccagtct	300
gactgcacct	gcaccccttag	ctcagagcat	ccccggagca	tcttaagagc	tgagcgcagc	360
tgacaactag	gggccggacc	gtcgcaggag	gcgtccgctg	gataccttcc	cccttccctg	420
acctagagct	ctacagctgc	tgccctcggt	ctgaccgagg	gttcccagag	ctgtctcacc	480
attgcaaaaa	cgttatagca	acagcctctg	attacgacat	ggctgagatc	accaatatcc	540
gacctagctt	tgatgtgtca	ccggtgggtg	ccggcctcat	cggggcctct	gtgtcgggtg	600
tgtgtgtctc	ggtgaccgtc	tttgtctggt	catgtcgcca	ccagcaggca	gagaagaagc	660
acaagaaccc	accatacaag	tttattcaca	tgctcaaagg	catcagcata	taccagagag	720
ccctcagcaa	caagaagaaa	atcatcaaag	tgccgagaga	caaagatggt	cctgggaggg	780
aaggtggacg	taggaacctg	ttggtggacg	cagcagaggc	tgccctgcta	agccgagaca	840
aagatcccag	ggggcctagc	tctggatctt	gtatagacca	attacccatc	aaaatggact	900
atggggaaga	actaaggagc	cctattacaa	gcctgacccc	tggggagagc	aaaaccacct	960
ctccatcatc	tccagaggag	gatgtcatgc	taggatccct	caccttctca	gtggactata	1020
acttcccga	aaaagccctg	gtggtgacaa	tccaggaggc	ccacgggctg	ccagtgtatg	1080
atgaccagac	ccagggatct	gacccctaca	tcaaatgac	catccttcc	gacaaacggc	1140
atcgggtgaa	gaccagagt	ctgcggaaga	ccctggaccc	tgtgtttgac	gagaccttca	1200
ccttctatgg	catcccttac	agccagctgc	aggacctggt	gctgcacttc	cttgtcctca	1260
gctttgaccg	cttctctcgg	gatgatgtca	ttggcgaggt	catggtgcca	ctggcagggg	1320
tggaacccag	cacaggcaag	gtacaactga	ccagggacat	catcaaaagg	aatatccaga	1380
agtgcacatc	cagaggggag	ctccagggtg	ctctgtcata	tcagcctgtg	gcacagagaa	1440
tgacagtggg	ggtcctcaaa	gccagacact	tgcaagaagt	ggatatcgcc	ggtctctcag	1500
gtaatcctta	tgtaagggtg	aacgtctact	acggcagaaa	gcgcattgcc	aagaagaaaa	1560
cccatgtgaa	gaagtgcact	ttgaacccca	tcttcaatga	atctttcatc	tacgacatcc	1620
ccactgacct	cctgcctgat	atcagcatcg	agttccctcg	tatcgacttc	gatcgcacca	1680
ccaagaatga	ggtggtgggg	aggctgatcc	tgggggcaca	cagtgtcaca	gccagtgggtg	1740
ctgaacactg	gagagaggtc	tgcgagagcc	cccgaagcc	tgtggccaag	tgccacagtc	1800
tgagcgagta	ctaactcctg	tcttctctcc	tctaateccc	ggggggccaag	ctggggaggg	1860
atgtggaggg	gaaaaagatg	acagagaagt	ggactccaaa	cctcatttta	ggtgtagaag	1920
aaaattttct	acaaaacaaa	ttccacaaag	aacaccctat	atgaccacag	ctgcagatca	1980
gttcttagca	atgatgtttt	tttttctgct	ttgcaaggcg	ctagaatctt	ttattttact	2040
ttattttttt	tgaggtggag	tttgcctctt	gttgcccggg	ctggagtgca	atggtgagat	2100
ctcaactcac	tgcaacctct	gccctccagg	ttcaagggat	tctcctccct	cagcctccca	2160
agtagctggg	attacaggca	cccacgagca	tgcccggcta	attttttgta	ttttcagtag	2220
agatgggttt	caccatggtg	gccaggctgg	tctcgaaatt	cagacctcag	gtgatccacc	2280
cgcctcggcc	tcccaaagt	ctgggattac	agggtgcgagc	caccgtgccc	ggcctctggt	2340
tttgttttgt	ttttttttt	taatggggga	caaaagagag	ggaaagaccc	ctataaaatc	2400
tatatataac	aatgtaacca	tatacttgca	tgtcttaata	caaactgaag	aaattagcct	2460
aactgccaat	atcaagtggg	cagattttta	tccatggaaa	ttgtgttttg	tgctgaattg	2520
tatttgctga	ttacctgaaa	ttggcttctt	tttattgggc	ttctctggag	aatttctccc	2580
actccccacc	tctgcagaag	aaaattttgc	tcttataaaa	cctcatgttt	tcatcattcc	2640
catcttttct	ttttattgcc	tcttatatct	ctgctctttg	acctcaaggt	ctagagggtct	2700
gcagtaagcc	aagaaacaaa	ggtgggggtg	atgaggcaag	gtttgcagga	gaaagaggaa	2760
ttgagaaatg	gggtattttt	gctatcagct	cttctgctat	gaagtagtaa	aaggcagtct	2820
ataattaact	gacagacct	actgaagcac	agagaatata	tcagacttat	gcatccaaga	2880
catcagaact	tggaattttat	caaacttgat	gacttctcta	aaaggagctt	tggaacttcc	2940
aaattcagct	ataggatagt	accaatgaac	acatccagct	gatcccaaaa	gctgttttca	3000
ggtataagga	caaggagagg	agacaagtga	cgacagccat	tcccctttgc	agctatctac	3060
tgtagtga	gccatttctt	ggttgatggg	ttggaagtca	tcagagggtt	gaagaattac	3120
actggccttt	gtttttctg	aaatgccgac	catggagatg	ctttagagtc	ttctcaaata	3180
gcttagatgt	tgtaatgagg	ttagctttgc	ttcataaaac	aggggccctc	agaagttctc	3240
cttaaatttt	tcaataaaaa	tttagctctt	aaaaaaataa	cagtgtgact	gagtgaatga	3300
agataagttg	gattctttca	gagcattctt	ttcctcaaaa	cgagctgcat	aattcttgga	3360

0043722 0430

```

atttatgtct taccacatgg tggagggatg gaggaactac aggatgcaat tcttcttcta 3420
ccaatgggca atagagggtg agagagattc agcatctttc tgggattaga attcaagtct 3480
ctttactcct acagcagctg tgtctccaac gttgagactt tgcagatggc acagactcca 3540
tggataatag gtaaacttgg ggccggggcg agtggtctac gcctgtaatc ccagtatttt 3600
gggaggccga ggtggaaaga tgccttgagc ccaggagttc aagaccagcc tgggctacat 3660
gacgaaactc catctctatc aaaaatacaa aaaattaact aggtgtgggtg ctgcacgcct 3720
gtggtcccaag ctattcagga ggctgaggtg ggaggatcat ttgagcccag aggtagaggc 3780
tgcagtgagc catgatcatg ccactgcact ctgggctggg taacagagtg agatcctgtc 3840
tcaaaaatta attaattaat taattaaaat aaactaggta aacttgata ggcagtagat 3900
atTTTTgccc acctgaggag gaactcagtc aagctgttgc ttaacagctt gatccagggc 3960
gtgaaagggtt agttgagact gaagtgttca cttccataga agaacatcac ttttaacctt 4020
gctttggcga agggagtcgg aaagctgagt ctctatggac ggggggggtga tcttgctttc 4080
agtgttccct cagcttttgt ggatttaaaa ccattctgct ccccttaac cttttgtttg 4140
atttcagccc atgttcttga caatgcagag caattctgag cagtcacaaa gcctactctc 4200
tgttcttgtc cctgccaaacc cccaccccc ataactctgac tcacaacttc accatcagtt 4260
ggggtcatac cactagtctc tgtcctatcc cccatgaaat gtaaatactg tatcataagt 4320
agaagaaaaat aatttttgtt ttctaataaat gcattttgag atagtttaat gtaaacttga 4380
caggagcatt ctgaagcccc attaggaaaa aattttaaag gttcctcttc atcgcttaa 4440
tgtctaaaga tcagaaatcg ctgagcaaac ccgcttttgt ttcttccca gaaacaatgc 4500
aaaacaacag gtggagatag tctggtcttt gccctgctgt gtgtgcctct gtagctcctc 4560
ctgacaaacg tctgggaaaa cagcctcacc ccactctcct ctctcttccc catttccttg 4620
tagctttatt ccttgcatct ttgggtctac tgagcagtggt gtgctgaggt gacaggggag 4680
gaaccagttg ttctgtagcc taggaactgc ctgagtgctt ttgccagaaa aaggcaaaga 4740
ggcggacagt gcagggctcc tccctcctac ctgagggcctg atccatcgtg cccttgactt 4800
tgccgtctca aagtttctta gctgactttg gctttcacat ttgttctttc cagagctaac 4860
tgataagagt ggaggaggaa tgccttctcc taagagtcag ttgaaagaaa gacaagagag 4920
tcacatctta gcttttgca aaggcattcg tggtcaggaa taggttaggg aatggtcact 4980
tctgattttc caacagttgc tccttctctg aagagatctt gattcctttg ggaagacaag 5040
aatttttctt aataacaaag gtccctttat gagttattcc ttctttcagt tcatctcact 5100
ggagcacagc caagatggac atgtttatgg acagtgtct agatgtgaaa acagatagaa 5160
ctggtttgtg ggacaggggc agcttgctca ggagagggaa taacgcaggt cccttttctt 5220
ggaaggcttg tactatggcc atgacagtga cattgccctc accatgatcc ctctccaaag 5280
tggttgtctt tctttacctt gtgtcttctc ttgtaaaaat gaaactcaaa aataaaaata 5340
atgtgtcaaa ttttgaaaaa aaaagaaaa tgaaaaagct aacatgaatt gtgtgaaatt 5400
gcataatgct gtaatgctaa tctacaatat gtaatgctat cttgtatgtt gaatttgtaa 5460
atgcaccaca caagtgcaaa ataaagactg attcacatta cataggcaaa aaaaaaa 5517

```

<210> 7429  
 <211> 928  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (839)...(145)  
 <223> similar to gi2393722 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7429  
 tttttttttt ttctgtttt cattttattg ggaacttcaa agaaaagaaa gagagacgga 60

ttggttccca	agacaagccg	tgacgtagac	tccaacaag	ctggggaatt	ctggacagcg	120
aaggggtgga	cagtgagact	cagcacagcc	caaagtcaaa	ggcattaggg	ttgttctgaa	180
aatagagatt	caagaagccc	tggaaaatgc	tcttatccat	gagaagagca	cagactgtgg	240
ggtcccactt	catggctgat	atccagagcc	gcagggtggt	cgtgtggctc	acacagtcca	300
gtatcccata	cacatccagc	cgctcaaacc	agggccagag	gaggtaatca	atcatggata	360
tacagggttc	accaaagaag	gtggtgttct	gatactcaag	aatctcttcc	aggttgctga	420
attcctgacg	cagggctgcc	ttcagattag	tgcattctct	cccacatctc	aacgctacca	480
ggcactcctt	ggtcaaagt	gggaccttac	aaaatagctc	caataacatc	ttttggcgag	540
ctcgttcata	agggtcatat	ggaaacagct	tccttcctgg	ataagcatca	tccaggtact	600
cacaagcaat	aacagattca	tagatcagtt	gacattggct	ggtctccagg	acaggaatgt	660
ggccaaaagg	gtgctttgta	tagtaccatt	caggcttggt	tctcaggtta	atgttgacca	720
cttcatgtct	gatgtctttg	gccttgagga	cgaggcggt	cctgtgagaa	taggggcaga	780
acctcatgct	gtagatgcgg	atcagcccct	ccgggactgg	ccctgggggc	tggcttcctg	840
cagagcagcg	atggaggggg	acagggaaa	gagaggctag	cggacgcgtg	ggtcggccc	900
ggaaaacggg	tccaaccgag	ggcgtcaa				928

<210> 7430  
 <211> 2812  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (2076)...(617)  
 <223> similar to gi3970876 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7430	
tttttttttt	ttgaacttgc
cgagccttct	gggggacggg
cttgcataga	caccgagggc
aacttgggag	aggaaggtgg
ccacagcggc	cctccccgct
gggctggggc	cacaactgac
ataaatacag	ttagcagcac
agcccccttt	cctccccccc
tttaaaccgg	tgtacgaagt
tagctgagga	ggagggcaaa
aggggaaaac	ccttatccgg
ctgaagcaca	tcctctaggt
acttccttcc	tcctcatagt
ctcaatgccc	tcttcttcca
agcctgatcc	ttgtcaaagt
atcatcgctg	ccttcattgt
ttcgttgcca	tcattatctt
gctgtcctgg	ttgttgccat
agtgttctcg	ttgttgtag
aggattctcg	ttgttgcat
actctcgttg	ttatcagtg
gtcgcagatg	ttctcattga
tcagaatttt	attgggatta
gacaagaata	ccgcaaagaa
ggctagcggc	gcggcgggaa
tccatgggca	ctgcgcggct
gggtgtccac	tccacacagc
gggtagaggg	gccctgacca
gcgggggcgg	agggccaaaa
actaaaccat	aaaaataaac
aatgtggggc	cgctggcccc
acagagaggt	gatccccaaa
ttggcccaac	cgtttgggac
ccttcttccc	agacatcttc
tcattcttgc	ggatgccttc
cctcgtagtc	cctcgtagtc
ctctgtcgtc	ctctgtcgtc
cattgtcacc	cattgtcacc
gcttgcgtc	gcttgcgtc
tggtgcccga	tggtgcccga
tattgtcttc	tattgtcttc
ggtcacagc	ggtcacagc
gattctcgct	gattctcgct
agtagtcggt	agtagtcggt

```

ggtctccatg aagtcagaga tcttgatgtc atgaattgtc tcatcaatgt ctgagatctc 1380
gctgaaaatg tcttccactg cataatagtc aggggcgtct tccatgatca ccacctcaca 1440
tctgcccctg gttttacgtt tcttcatttc ttgcttcttt ctctttatcc tggagcccct 1500
ttctctcagg tagtagcgta gagggttaac ccacagatca ttcttgataa tctcagcaat 1560
cctgtcagcc tctgggaggg tatggtttga gaaccagctg aaaaagctgt ggctcgcac 1620
ctggttcccc tgacgacggg cctgggggttc ctggccccgg tgccagcgga ttggggttga 1680
gtgagacacc agccggcctg agcggttgctg ctggaactcc ttgacaatca ccatgtttgt 1740
gaagtagggg ttagtctgga agtacagctt cattttgtag cccatggaga tatgtctgag 1800
atcctgtacc tgcagattgg tcaagtagcg gaaaatgtct tcatcacgtc ggttgatcaa 1860
aattgaaatt ctggggtggt tgaggaatgc tttgaccag aagcctggga tatgctggat 1920
gatgaggtct ctgcgtcca ggaaggtct tgcacatctg atgaacttgc gcttgagacg 1980
caggaaggct ttgcctgcct tgatgttcac tgccctcaga tccagctgaa taccctccag 2040
tgccctcagg atgtctcca tctctcggc atttctctct ctgctttccc tcttcacctt 2100
cctctgcttc ctctccggc gccgcgcgcg cctcctgctg ctctcatac tctcccgctc 2160
atcctcatcc tcatctcca ctatgatgat cgcctcttcc ttgctcttgc ggtcaactaa 2220
cctctggggc gccacccca ctgcgtaca ggtttctagg gccccctctc caccaaaact 2280
gctcgactgt acaacctgaa aatcgatttc caggctcccc cccgaggcct caggagtggg 2340
gagtgtcttc aggctctccg tgggcggggg cgctcccca taccgcgact cgatggtaga 2400
atcccagccg ggacactcag caccgagcgt gaagtatgcg cggatcccc cctcctcgag 2460
aatgacatag ggaggcggcg ggggcagcgc ggggccagt cccaccccc tcatatcggc 2520
cagcacctgt gccgcctccg tttcctcctg gagcctcggg cgctgctggg gtggaggcag 2580
cggcagtcgg aggagcggcg gcggcgcgcg cggcgggggc gggctcgcgt gtggagactc 2640
ggagctgctc aggcggcggg tcttgccgg aggccctca tctgggcggg ccatggcgac 2700
cgcttctgta cagctcaggg gactcgact cgccccctcg cttttagccg cgtcgtgcc 2760
gctagtcgca ccggttaagca gagctgagga gactcacgac gaaatcgctg ac 2812

```

```

<210> 7431
<211> 863
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(864)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (264)...(500)
<223> similar to gi200497 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7431
gaggcggcag cgagctagag cccgagtcgc agctccgggc cgcagagcgc tgggcgagcg 60
cgagcgccag ggcaccggca gggcaggcag ctgcgcgcgg ctggagtcac gctatactga 120
aaagacactt catcaagata actctgggag aagcagaaaa cctgtgcca gggacaggaa 180
agataggaga aagaaagttt atcagaattt tttaaacctg tctcagaaat aacaacatat 240
ttaatcaga gatttatgtt gctatgagga cagattcatc aaaaatgact gacgtggagt 300
ctggggtcgc caattttgca tcttcagcaa gggcaggccg ccggaatgcc ttaccagaca 360
tccagagttc agctgccaca gacggaacct cagatttgcc cctcaaactg gaggtctct 420

```

```

ccgtgaagga agatgcaaaa gagaaagatg aaaaaacaac acaagaccaa ttggaaaagc 480
ctcaaaatga agaaaaatga aggctcataa tctatcaaga gtgctgaatt tctgcatggt 540
gaaagactta gtggttctgt tttcttgaga catttaatct ggtggtaact gtggtaacat 600
tgagcccta agcagcatgt gtatattaga taattgtgtt gtgatgctac tcactttgat 660
tgcaatgatg atgtccaagg taagctatta aaagggcagg ttacttccaa atcgactggt 720
aagggaagag gttaaggatt aatacatgat cacagaaatg cataccactg ttctgtaaaa 780
ccccaaccaa aattcactgt ttctcttttg ggggatttat tttaggcccc gatggtattt 840
ttttaatttn ccattttttt tgg 863

```

```

<210> 7432
<211> 1871
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (171)...(1700)
<223> similar to gi3947678 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7432
cccacgcgtc cgcgcagagg cacgctgttg ccatggcagt gtggtcctgg ctgccgcgga 60
ggcaggtgcc ggggtctcct ttgcctcaat gtgaagagct taaaaagagg aggagaggag 120
aactcccccg gccatctctg tgatcccagc cgccgcattt tacacagaaa atgaatgaaa 180
ataaagatac tgattcaaaag aaaagtgaag aatacgaaga tgactttgaa aaggacctgg 240
agtggttaat taatgaaaaat gaaaaaagtg atgccagcat aatagagatg gcttgtgaga 300
aggaagagaa tattaaccaa gacttaaaag agaatgagac agtaatggag cacaccaaac 360
ggcattctga tcttgacaaa tctttgcagg atgaggtctc accaagaaga aatgacatca 420
tttctgtacc aggtattcaa cctttggatc ccatatcaga ttcagatagt gaaaactctt 480
tccaggaatc caaactagaa agccagaaaag acttgaggga ggaagaggat gaggaagtaa 540
ggagatatat tatggagaaa attgtacaag ctaacaagct tctacagaat caagaaccgg 600
tgaatgataa aaggggagcga aaacttaagt tcaaggacca gttagttagt ttggaagttc 660
ctccactaga agacactact acttctaaaa attattttga aaacgaaaagg aatatgtttg 720
ggaaactgtc acaattatgt atttccaatg attttggaca agaagatgtg ctctgtcac 780
ttactaatgg aagctgtgaa gaaaacaagg ataggacaat actggtagag agagatggaa 840
aatttgaact tctgaattta caagacattg ccagtcaggg gtttttgcct cccattaata 900
atgcaaatag tacagaaaat gaccctcagc agttgttacc cagatcttcc aactcctctg 960
tcagtggcac caagaaagaa gattctacag caaagattca tgctgtcact cactcatcaa 1020
caggagagcc gctggcttat atcgctcagc caccactcaa ccgcaagact tgtccaagct 1080
ctgctgtcaa ctcagatcga agtaaaaggga atgggaaatc taatcacagg acacagtctg 1140
cacatatctc accagtgact tcaacatact gtctttcccc tcgacagaaa gaactacaaa 1200
aacaactaga agaaaagaga gaaaaactga aaagagagga agagcgacga aaaaatagaag 1260
aagagaaaga aaaaagaga gagaatgaca tagtatttaa agcgtggttg caaaagaaaa 1320
gagagcaggt cttagaaatg aggagaattc agcgagcaaa ggaaattgaa gacatgaaca 1380
gtagacagga aaacagagat ccacaacaag cttttcgatt atggcttaaa aaaaagcacg 1440
aagagcagat gaaagaaaga cagacagaag aactaagaaa gcaagaggaa tgtttattct 1500
tccttaaagg aacagaaggc cgggaaaggg cctttaaaca atgggttaaga aggaaacgga 1560
tggaaaaaat ggcagagcaa caagctgtca gagagagaac tagacagctc cgactagaag 1620
ctaagcgttc taaacagtta cagcaccacc tatatatgtc agaagccaaa ctttttcgtt 1680
ttactgatca ttataactga aagtttctat taaatatttc agtgggcagc tgctatcaaa 1740

```

```

attttggata tgatttctta gggctctgtgt accttgggtg tattctaaat tatggaaatg 1800
gtatttatct tttattgaca gtgaatttgt ttttttaata ctagaacaaa ataaattttt 1860
ttctcacagt g 1871

```

```

<210> 7433
<211> 1093
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (722)...(553)
<223> similar to gill184696 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

00438725 012400

```

<400> 7433
tttttttttt ttagagttat acatttttatt tgagcttcat ctctttggag aaaggggaac 60
agggatgaga ggattaagtt agagatgggtc tggcacaaag cccagagatg tgggggtgtgt 120
gaagaaggaa attcatgact agaatatatg ctgaagggtga aatgagggga gcctggatag 180
ggaattcaga gataattggt ggcatttagt aatgtgattt gggagtatga tcccagccgc 240
agagcaatgg aagaaggctg gcaggtagta ggagtcacag tcaggaagga agtactgcta 300
gttcgtatcc agtctaggtc tctgggacaa ttgacccctt tttgggtagg aggatttgcc 360
agcattatct gacccttatt ttctagttca tctcctagac atcttcattg ctgttgccct 420
ctggtgagta tgaatccata ggatggcgct tctctccac tgaccatgtc cgagtctgag 480
tctgagactg ggtggaagcc atagacggat gatacatagg ccagtaacgc tgctgaggaa 540
aagtgtgagc tcttggccta gatttgggggt tgggctccat ctgaggctca gtctcaggct 600
ggggctccat ctcggtctgg gtcttgggtct cggctcagc cttgggctcc atttcaggct 660
ccagctcccg atccaggtct aggtccagac ccagcccagc ctcttgttct gattccagct 720
ccaaatccaa ctccgactcc tcttctacag gctgttggat cttgatgaag cctggactta 780
catttttttg gcttcttaga aaactgctgc tcatthtata tcttgaattg tcattcttgt 840
ctgtttctga gtaggtttcc cgtatcactg tctcggattc atcgatgctt aactcagagg 900
agcctatgac cttccttgac aaggcaaaac gcacggcgct gtgaacgctg aggaacagct 960
gggtcttggt gatgccagcg tcaaagaaat cattcctctc aaatgccctg actatggaag 1020
agtgcacccc tgcaatgagt atcaaaatgt tggcggtttg aaaggcattg catatccgtc 1080
ttaatacgac taa 1093

```

```

<210> 7434
<211> 1999
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1074)...(1219)
<223> similar to gi3335367 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7434
cttagtccgg cgcctcgcga tctagaactg aggtcggcag tgtgaggagc tgctatggtg      60
ctgagtttcc tggtagagcc ggccgagctg aggcggctgc ggccatgaag gcgggtgcca      120
cgtctatgtg ggcttcgtgc tgtgggctgc tgaatgaagt catgggaact ggagctgtca      180
ggggccagca gtcagcattt gcaggagcca ccggtccatt cagatttaca ccaaaccctg      240
agttttccac ctaccacca gcagctacgg aagggcccaa catagtttgt aaagcctgtg      300
ggctttcatt ttcagtcttt aaaaagaagc atgtttgctg tgactgcaag aaggattttt      360
gctccgtttg ttcagtctta caagaaaatc tccgtagatg ttctacttgt cacttattac      420
aagagacagc atttcagcgc cctcagttaa tgcgactgaa ggtgaaggac ctgcggcagt      480
atctcattct gagaaatata cccatagata cttgtcgtga gaaagaagac ttggtggatc      540
tagtactgtg ccatcatgga ctaggctctg aggacgacat ggacacaagc agtctgaatt      600
cttcaaggtc ccagacttct agctttttta cacgttcgtt tttttcaaac tatacagccc      660
cctctgctac tatgtcttcg tttcaggagg agcttatgga tggagacca acatccagat      720
ctggagtgcc ggacacagta caaagtgaag tcacttcagc aaacacagaa gatgatgatg      780
acgacgatga tgaggatgat gatgatgaag aagaaaacgc agaggatcgg aaccccgggc      840
tctccaagga gagagtgaga gcttcactgt ctgacttgct aagccttgat gatgtggaag      900
gaatgagcgt gcgccagctg aaggaaattc tggctcggaa ttttgtcaac tattctggct      960
gttgtgaaaa atgggaactg gtagagaaaag taaaccgggt atacaaagag aatgaagaaa     1020
acaaaaagtc ctatggcgag cggctgcagc tgcaggatga ggaagacgac agcctgtgtc     1080
gcatctgcat ggatgccgtc atcgactgtg tcctactgga gtgtgggcac atggttacct     1140
gcaccaagtg cggcaagcgc atgagtgagt gtcccatctg ccggcagtat gtggtgcgag     1200
ccgtgcacgt gttcaagtcc tgaacacagg tccctcacc aggacagtca ccccaaact     1260
tgaccccaa catttcaatg cacagaaggg actggaaagt tatgttcaa ggctgaagct     1320
attttaaaac attattttga ctactaagtg gggacagaaa gatccatcct gagttgtgga     1380
aacattggtc catgccgtga gcctgtctgc ctgtggacac gtgagcttcc cgggctcagc     1440
tgggctttat cacacatccc gtgaacactc attgaagtca gcctgtttgc gccatgtggg     1500
catcagccac tgctgtcttg ggaggacact tatcctgttc tcttatttcc ccttcatcct     1560
atttttaact taaactgctc agatgtttga aacttctgtc ctctttggat gagatcagtg     1620
tccacaagtg gccgacatgg aacatgctga gcagtggctc ctctgaatgt tcactttatt     1680
agtcatgtat attttaaatg ctaacatttg atgaatgtaa gtttccacat tgttgctgtt     1740
tctgcattta aacataattg ggaacaactg acattctcta gtcgactgcc agggccttag     1800
actccacatg tccatttttg ttcagggtata gctttttata gcaagggctg catctagctt     1860
cttttattag aagtgtgtgt gctaaattcc ttattaatgt gtaatcagtt tacattgttt     1920
tgtatagtga aggtgtattt tcagtgtctac ccgctagctg attttaactt taggaataaa     1980
attagtttta aaaaaaaaaa

```

```

<210> 7435
<211> 1847
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (727)...(1200)
<223> similar to gil335017 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

[illegible]

```
<210> 7436
<211> 1113
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (526)...(973)
<223> similar to gi2245026 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7436						
tttttttttag	ggtatgatgt	tttttttttt	taccatcag	ttttgaaaaa	gttaattaca		60
tttggaact	ccccattccc	ttatagttag	gggtctcaag	agctggctcc	tacacataaa		120
gggcttaaaa	cagtggcttg	tacctaggcc	accaatagtc	ttttgcccc	cccaaccggt		180
qacacagccc	ggggccccgc	cgccccctgg	cggccattac	ggatttcgc	ctccctcaca		240



```

gaaggcagtc actgcaacgt gcgtggcctc agttgcgtca tatccggccc ttgcgatcag 300
ggcttgagga acccgcgcca tgaagtgcgt gtttgttacc gtagggacca ccagctttga 360
cgacctcatt gcgtgtgtgt cggcgccga cagtctgcaa gtgagtgagg gaggcgagca 420
ggcggcggtc tggtctcgcca cccgccatct ccggccatac tgccagccgc gttagccttg 480
cctgaccgtc gcgctcgga aaaaaccccc gcaactctac cacagaaaat cgagagcctt 540
ggttacaacc gacttatcct gcaaattggt agaggacgg tggtagctga acccttcagt 600
actgagtcgt ttactctgga tgtttacagg tacaaggatt ccttgaaaga agacattcag 660
aaagcagatc ttgttattag tcacgcaggt gcaggagct gtttgagagc tctggaaaaa 720
ggaaagccac tcgtagtggg tataaacgaa aagttgatga acaatcatca gctggaactg 780
gcaaagcagc tagcacaag aggggtcatct cttctattgt acctgcagtt cttccttgag 840
aactagaag cttgcaaaag ggccagcacg cttcctgggc tgttacagtc aatggactta 900
tcaactactg aatgttatcc tcctggccag ccagaaaaat tttctgcatt tttggataaa 960
gttggttgat taaaaaata aactactaac tctcaacact ttaaaagcaa ccccaaat 1020
caacctatgt aatgtgatta aatcaaat aatacataat atatatttac aaaataatat 1080
aatataaaa cttcctacat ctatagaaaa aaa 1113

```

```

<210> 7437
<211> 2608
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (115)...(746)
<223> similar to gil651199 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7437
cagagggctg ccgcccctc tccaagttct tgtggccccc gcggtgcgga gtatggggcg 60
ctgatggcca tggagggcta ctggcgcttc ctggcgctgc tggggtcggc actgctcgtc 120
ggcttctctgt cgggtatctt cgcctcctgc tgggtcctcc actaccgaga ggggcttggc 180
tgggatggga gcgcactaga gttaaactgg cacccagtcg tcatggtcac cggcttcgtc 240
ttcatccagg gcatcgccat catcgtctac agactgccgt ggacctggaa atgcagcaag 300
ctcctgatga aatccatcca tgcagggtta aatgcagttg ctgccattct tgcaattatc 360
tctgtggtgg ccgtgtttga gaaccacaat gtaacaata tagccaatat gtacagtctg 420
cacagctggg ttggactgat agctgtcata tgctatttgt tacagcttct ttcaggtttt 480
tcagtctttc tgcttccatg ggctccgctt tctctccgag catttctcat gccatacat 540
gtttattctg gaattgtcat ctttggaaaca gtgattgcaa cagcacttat gggattgaca 600
gagaaactga ttttttcct gagagatcct gcatacagta cattcccgcc agaagggtgtt 660
ttcgtaataa cgcttgccct tctgacctg gtgttcgggg cctcattttt ttggatagtc 720
accagaccgc aatggaaacg tctaaggag ccaaattcta ccattcttca tccaaatgga 780
ggcactgaac agggagcaag aggttccatg ccagcctact ctggcaacaa catggacaaa 840
tcagattcag agttaacaa tgaagtagca gcaaggaaaa gaaacttagc tctggatgag 900
gctgggcaga gatctaccat gtaaaatgtt gtagagatag agccatataa cgtcacgttt 960
caaaactagc tctacagttt tgcttctcct attagccata tgataattgg gctatgtagt 1020
atcaatattt actttaatca caaaggatgg tttcttgaaa taatttgtat tgattgaggc 1080
ctatgaactg acctgaattg gaaaggatgt gattaatata aataatagca gatataaatt 1140
gtgggttatgt tacctttatc ttgttgagga ccacaacatt agcacgggtgc cttgtgcaga 1200
atagatactc aatatgtgaa tatgtgtcta ctatagtta attggataaa ctggcagcat 1260
ccctggcctg ttgtcatgca gtcatttctt gttaattctg ggagacaatg atttcacaac 1320

```

```

tagcggaag cagtcctaaa agtttaaaat ccgataagga atatctggga cagggtttag 1380
atcatgactc tacacagata ccatgatgag agtatattaa agaaatttag gaaagcacct 1440
ggttcctttc tccccatgcc tgccttctgc tccctcccca gctgggtttg gctcaaattg 1500
tccctggaga ctagggttta tgtaggggta ttgatagatt agagcaggtg gttgaagaga 1560
tcttctctgg tcagacttgg aagaatttcc aaaactgaag ttagcccca gacttcccta 1620
gggttgatgt actttatgat ccagatgcta aacttcttag aatgaaaata tgcttcaaca 1680
cttaagtagc atacactgcc ctacaaacct cagagagcac ttttcccca gttcttgttt 1740
ttatttttga aagtactcac acagcactta ctatgctcca aacactcctc taagcacttt 1800
acacatatta gctcattcag tccccagaca gacgggatga agtaggtatt gttactgttc 1860
ccattttaca ggtgagagat ttgaagcctg gggaggctag taactcacc caaggtcaca 1920
cggctcatac atggtgggac tgagactcag atgcaggcag tctggcacct cagtctggat 1980
tctaaccatt tcactaagct atttttgtct tgtactactt tgaccacccc ctgaataaac 2040
ctcaattgct ggagtggggg gtagttatta aagggatgct ttttaccttt tgctgtctgc 2100
tgtggcagat tccccagata accaaggaaa agggggccacc catacctgga aataggccat 2160
agggccctta ctactgccaa caagccatgg cctaccttga cacttgtttg atcttaaaat 2220
tgtgtcttgg taacaaaaga tttggacagg catatctgta gctttcaagt taattaattg 2280
caatattttt ttcttcagga ttttagctgc tgaacaactt tcagtttga gctaaaagag 2340
acctgtctca tggctgtccc ttccctgggg caatagctag ggtctttcct gatttttatg 2400
gaatttttagg ggatattttg agctttgggt tctcagtagt gaattgagac ttggagggtga 2460
cttttcatgt ttggagtatc atctctgtct gggatctggg ctgacaaatt aaaacctaga 2520
gtagtgctta tgctgaaatg atacttttca ttttttggtt gatttttttg ccttcccttc 2580
aattttaaac tgaagcattt taatatgg 2608

```

<210> 7438

<211> 2012

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1515)...(925)

<223> similar to gi5901655 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7438

```

tttttttttt ttaagaacgt cagctccttt attattatta ttattattat tattaattat 60
ttactgttat ttacccttaa acaacagcat aactcaaata ataatgacac acacgtcccg 120
cccatataca caataccact agcctatctg tcaggctatc tggcctttgc ttggttcctg 180
atggagctgt ctggagacag ctccctctgt aaaaatcccg acttaaacac aggggacaga 240
agaaaggggg gacctaggtc agatcataaa ctgacaggct ccagcgtcc ttagggagtg 300
ctaagtggga aactttgaga acgtgctgga cacatctggg cagagggcag aaggcactgt 360
ttgtttttat gtggttgatg gataaattcc atatgggatg ataagacctg tatatcacc 420
catttttaggc ccaggcatgt ggaagcacag tggggttagc tactgggttt cattaacc 480
aaccatgcgg catggtttgg gagccatggg aatcgggagc ccagagtagg aacctgggtg 540
atggggggagg tccccagaga aaagtaaccc ttgcattcac tgcaagtaag atacaacgtg 600
aaatgttaag tcccttttta tgtgttttgc acattctata gttgcaaaac acatagaatg 660
tgcaacattt tcatcaagat agaaaaggta aagaaagcaa aaatctacca ctacactatc 720
acaaccaagc atgatttgcc aattgcgcta tctgtggag aaatctacca ctacactatc 780
cagggaatct gtggtcagtc ctcacccccc caccctctaa cattttactt gcaactaaatc 840
tgagttcagc taaagtaatg tatcctggaa tcagagaagc cctaggggtg gggacaaaac 900

```

```

aaggatgggc cagtactggc atctcaggta caggtgactt cctggctgtc ctggggaagc 960
tcgttggtga aactgctctc tccaaatgtt gagtaaggag ggacctgggg agcttcgatg 1020
atcagcagac cctctgggga aagtgaggca aatactgtca caggatccac ctctgcagga 1080
agctggattt tctttgtgaa gttcttagaa acaatgccac cttcttgctg tttctcttca 1140
tgtttgccag acacctccac gtatccatct ttggtcttca ccatcaactc ctctggcttg 1200
aagctgtgca cattcacaca cactttccag ggctccccag ggaaggggtg gggggtcctg 1260
ccctcggcag gcaccccaaa cctggcggtg gcagtggggc cccggggcac catgcccgac 1320
cttaggggtg ctggccaggc ggaggagaga cgaggcagag cccagtcggg ccaagaggct 1380
gtcaagtcgt ctgggaaggg gtccatgcc aagccatcat ccagcaggcg agaggagag 1440
ggagagtccc gaaaggggtc tcggcgagag cggcttggtt agtggcagga gaagggcatc 1500
tgaccgtcag ccatggtggc tgctcagctc agagagaaac agaggctcag agagacagaa 1560
ccacctgccc aaggtcacac aacaagggtg tgtggctggg ctactctatt cttcagcttc 1620
cgaaaatgct gcttttctgc agggagaagc agaaccaacc actgccaggg acggttgtgt 1680
cccctcgact ggggtcccag ccccaaaagg taacccccgg gcagatcca gcagaatccc 1740
agagggtccc cgtccgcact gcctcacgac agaccggcaa gccaccgtcc tcccaggctt 1800
cccaggctgc ccaggctggc agccagaacc gctgaggtct agagcggagc caggagctta 1860
ataaaccagc ggcacgcgcg cctagaaact tcttctggct ccttctgggc tgcaagcctt 1920
ctatttattt gctgctggag gctggaggcg ggttttgcaa gcgtctcctg tcacaggaat 1980
attcggagggt gatgaaccag ccccgagcga aa 2012

```

```

<210> 7439
<211> 1409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (267)...(971)
<223> similar to gi3860903 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7439
cctcgggtcc gttgcgtagg ttgtccctca gtgggacact gcagggtgcg gggacaacta 60
cgaagatggc ggttgcgcgc ttggcagctg tggcgccctg ggtacctgt cggagctggg 120
gctgggcagc cgcccccttc ggtccccacc gtggccctcag cgtgctgctt gcacggatac 180
ctcagcgggc gccacgggtg ctcccagctt gttagacaaa gacgtcactc tcattcctta 240
atcgaccaga ccttccaaac ctggcttata agaagctaaa aggcaaaagt ccaggaatta 300
tcttcatccc tggctatctt tcttatatga atggtacaaa agcgttggcg attgaggagt 360
tttgcaaatc tctaggtcac gcctgcataa ggtttgatta ctgaggagt ggaagttcag 420
atggttaact agaggaaagc aactggggga aatggagaaa agatgttctt tctataattg 480
atgacttagc tgatgggcca cagattcttg ttggatctag ccttggaggg tggcttatgc 540
ttcatgctgc aattgcacga ccagagaagg tcgtggctct tattggtgta gctacagctg 600
cagatacctt agtgacaaag tttaatcagc ttcctgttga gctaaaaaag gaagtagaga 660
tgaaaggtgt gtggagcatg ccatcaaaat actctgaaga aggagtttat aacgttcagt 720
acagtttcat taaagaagct gaacatcact gcttgttaca tagcccaatt cctgtgaact 780
gccccataag attgctccat ggcataagag atgacattgt accttggcat acatcaatgc 840
aggttgccga tcgagtactc agcacagatg tggatgtcat cctccgaaaa cacagtgatc 900
accgaatgag ggaaaaagca gacattcaac ttcttgttta cactattgat gacttaattg 960
ataagctctc aactatagtt aactagatc acatgttttag ttggtatgta aactaatgta 1020
tccacgaaga ttggaagagg gataagaaat gaaagatcct gatactttaa ggtttttccc 1080

```

```

tttcctctat ttgttaaata taagatgagt attatttaat gatgtatttg cataagtaat 1140
gcaaattgtg aagaaggacc agctgctgtt tagaaaaatt tctccttcct tctgtccttg 1200
atTTTTTTTt cattaaagta tttccttttt ttaattcaag aaaagtttac ctttcttatg 1260
cttatgttag ctatgccagc tcttaattgc atccttttct aattaggatt attaataaag 1320
cgcggatatt ttgtttttta ttatagacag aaattggtgc cattacttgt gattaaaaaa 1380
tgcaattcac aaaatatagg gactgtatt 1409

```

```

<210> 7440
<211> 2208
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2209)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (512)...(794)
<223> similar to gi3885931 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7440
aatttctcaa ggttatagggt tggggtttctt agaacttttt gtggtgtgtg ttggcctaga 60
gcgactcaga agcgtttagtg acttcaccta aaaaagctaa cctctctgct gagcgcgacc 120
ggtatgcggc gcaggatgag cctcagggct tctgttaaga gtctgtctga gaaagccggt 180
ctgcgctgtt cctcggtggc gaccttaatt atgagatgag ctaatgcttt actgacttaa 240
ccatggcgca gcgggcagtg tggctcataa gccacgaacc gggaaactcca ctttgtggca 300
ccgtgagatt ctccagacgg tatccaactg ttgaaaaacg agccagagtc ttcaatggag 360
caagttatgt gcctgttcct gaagatggtc cctttcttaa agcactggtc ctttgaactt 420
aggattatTTT ggatgattga taaagacttc gttgagagtc gtgatagctg ttcacgcac 480
aataaaacat ccatttatgg actcctgata ggagtgtgat ttggaaggaa tcatgccaaa 540
tgttaccatc agcttgagtc tccccaccaa tggatctcca cttcaggata ttctagttca 600
cccttggtga acttctcttg actctgcaat tctgacttct agtagtattg atgcaatgga 660
tgactctgca tttagtgggc cttacaaatt tccattcact ccacctttag agtcattcaa 720
cttatgcttc tacacttccc aggtccctgt cccaccaatt ttgggttttt atcaaatgaa 780
ggaggaagaa gtacaactaa ggaataacca ttaattttaa acttcatgga aagtgtggaa 840
aaataatttt ggaattctgt ggaagcccat ataccttttt tacaattaga ggtcccata 900
cacatttgga atacaaaact agttttggcc agcttgaagt atttcgagag aaaagcttat 960
tgatctggat tattggccag aagttcccaa aatcaatgga aattagtctt tctggaactg 1020
taacttttgg agccaagagc catgagaagc agccatttga cccaatttgt actggagaaa 1080
cagcatattt aaagcttcat tttaggatct tagattacac acttactgga tgttatgcag 1140
atcagcattc agttcaagtt tttgcatcag gaaaaccaa aataagtgca caccgaaac 1200
taatttcttc tgattattac atctggaatt cttaaagcccc tgctccagta acataggat 1260
cattattatt gtaatagtct catgttttaa tgggattata taatgataac agtttaaaga 1320
aaatcataat cttatatattt taatgtggat gcatataacc tgtgagtgaa aaatcactga 1380
atgattttaa tgtaaaagta gtcttatgtg gtgtttgtag tctgatagag cttgaaagga 1440
cattttaaaa gctaattgtct ccaattttgt taaccttcga ttttatgcca gtataattca 1500
gaacatagaa aagtaatgat tcacttgggc tcatttttaga ctggtcctgg gtcaccctgc 1560

```

```

cacacttggtt tcctagtgtt tctgtggcag acattgctaa tcaattacag cccttttctg 1620
tactgagcct tggataaagg gtcaggctcc tttttagttc agagattcag gcagccactc 1680
ccagtggtgtt gtagataatg tgcaagataa aaactathtt ctcttccaaa tctaagtact 1740
aagctcctag tataaggtgt tgttacagaa taccagagac catgttagag acaactacat 1800
ctcttcaaaa aacagccaac agagacaaaag gaaaagtgtt taaatagtaa gctgttcttc 1860
ttaatcagaa ctatcctatt gactaataaa taatctgcat aattctactt aagggtgtgta 1920
atctctgttc tagagttagt ttttaagtaa gcttgtaaat ctgccacttt gacattttgc 1980
ttaggatgtc agtagccata ttaagatgtg tagaatacct tcagaagatg atcatagtgt 2040
tttgtaatca tttaatgtct gcagccaaat ttttaaagggt aatttagacc taatactgct 2100
cttgctgtgt cttattaagt taaaattaat gaatgaattc tggggaaaaa tttcaaaagg 2160
gcactctgtg gggtaggagg agtatccant taaggcctta ttttttagg 2208

```

<210> 7441

<211> 2249

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (45)...(1376)

<223> similar to gi5809682 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7441
cggacgcgtg ggcgacgcg tgggtgcgcg cctgggacct gaacatggac ttcccgtgcc 60
tctggctagg gctgttgctg cctttggtag ctgcgctgga tttcaactac caccgccagg 120
aagggatgga agcgtttttg aagactgttg cccaaaacta cagttctgtc actcacttac 180
acagtattgg gaaatctgtg aaaggtagaa acctgtgggt tcttgttggt gggcgggtttc 240
caaaggaaca cagaattggg attccagagt tcaaatacgt ggcaaatatg catggagatg 300
agactgttgg gcgggagctg ctgctccatc tgattgacta tctcgttaacc agtgaaggca 360
aagaccctga aatcacaaat ctgatcaata gtaccgcat acacatcatg ccttccatga 420
accagatgg atttgaagcc gtcaaaaagc ctgactgtta ttacagcatc ggaagggaaa 480
attataacca gtatgacttg aatcgaaatt tccccgatgc ttttgaatat aataatgtct 540
caaggcagcc tgaaactgtg gcagtcatga agtggctgaa aacagagacg tttgtcctct 600
ctgcaaacct ccatggtggt gccctcgtgg ccagttaccc atttgataat ggtgttcaag 660
caactggggc attatactcc cgaagcttaa cgcctgatga tgatgttttt caatatcttg 720
cacataccta tgcttcaaga aatcccaaca tgaagaaagg agacgagtgt aaaaacaaaa 780
tgaactttcc taatggtgtt acaaattggt actcttggtg tccactccaa ggtggaatgc 840
aagattacaa ctacatctgg gccagtggtt ttgaaattac gttggagctg tcatgctgta 900
aatatcctcg tgaggagaag cttccatcct tttggaataa taacaaagcc tcattaattg 960
aatatataaa gcagggtgcac ctagggtgtaa aggtcaagt ttttgatcag aatggaaatc 1020
cattacccaa tgtaattgtg gaagtccaag acagaaaaca tatctgcccc tatagaacca 1080
acaaatatgg agagtattat ctcttctctt tgccctgggtc ttatataata aatgttacag 1140
tccctggaca tgatccacac atcacaaaagg tgattattcc ggagaaatcc cagaacttca 1200
gtgctcttaa aaaggatatt ctacttccat tccaagggca attggattct atcccagtat 1260
caaatccttc atgcccaatg attcctctat acagaaattt gccagaccac tcagctgcaa 1320
caaagcctag tttgttctta tttttagtgga gtcttttgca catattcttc aaataaagta 1380
aaatgtgaaa ctcaaccac atcaccacct ggaatcaggg attgctcact ccaggttact 1440
gcaaccctaa ctactctag tgggaccttg actggagaaa ctccacgatc ttctgaaga 1500
agagaaatgg atgtttccaa attccacaat aagcaatatg tggtgataat gaaaagaatg 1560

```

attcagtctt	gacggtgaat	ggaagacact	tacctaacaa	gtactgctca	tttactactca	1620
aattaatctt	gaagtagtct	taaaatgtgt	aagaagttaa	aacttgagaa	gcaaaaaaat	1680
gcctgcaaaa	agaagatcat	tttgtataca	gagaaccgga	tgaatataag	caatgaagat	1740
gaacatttat	tgatcttcta	catacaagac	ttcaccataa	ggccaggagc	agtggctcac	1800
accttgtaat	cccagcactt	tgggaggcca	aggtgggcgg	atcaccttga	ggtcaggagt	1860
tcaaaaccag	cctgaccaac	atggtgaaac	cctgtctcta	ctaaatatta	gcggggtgtg	1920
gtggcgggca	cctgtaatcg	cagcctttca	ggaggctgag	acaggagaat	cgcttgaacc	1980
ctagaggcgg	agtttgcagt	gagccgagat	agtgccattg	tactccagct	tgggcaacag	2040
agtaagactc	tgtctcaaaa	aaaaaaaaacc	aaaaccaacc	acccaaaaaa	acccctctcc	2100
ctggggggct	cctggggaaa	aaattttaagg	ggccatattt	attaagttcc	caaaaaaggg	2160
ggaaatggtc	cttaggcccg	gaattggttt	tgcaaccgtt	ctaggaaatg	ggggaaaaaa	2220
ttttgacccc	cttcttatgg	gccaggaa				2249

<210> 7442

<211> 2222

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (253)...(693)

<223> similar to gi5788103 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7442

gcggccgccc	gagaggaggc	ggtgccgaga	tcggggggcg	cgagcgcggc	agcagagagc	60
ggtagcgccc	cgtcgtggcg	caccagaacc	gaaaccaggg	gcagccgcac	ggccacttga	120
gccgcccctt	cctgctggag	ccagcgaggg	gtgcctgcag	ccgggacccc	ttcctctccg	180
cgtctcctcg	tctcccgcgc	agccgctccc	tcggcggggc	cgtggggagc	gtggcgctcag	240
ggggcccgcg	cggcgcagtc	ccccttcagc	atcccgaaca	gcagcagcgt	cccgtacggc	300
tcgcaggact	cggtgcacag	cagccctgag	gacggcgggc	gcggccggga	ccggccgggtg	360
ggcgggagcc	ccggcgggcc	gcgcctgggtg	atcggctcct	taccagctca	cctctcgccg	420
cacatgtttg	gaggatttaa	gtgccctgta	tgtcaaaaat	ttgtatcctc	agatgaaatg	480
gatttgcatc	ttgtaatgtg	tttaacaaag	ccacgaataa	cctataatga	ggatgtactg	540
agtaaagatg	ctggggaatg	tgcaatatgc	cttgaagaat	tgcagcaggg	agatactata	600
gcacgactgc	cttgtctatg	catatatcat	aaaggctgca	tagatgaatg	gtttgaagta	660
aatagatctt	gccctgagca	cccttcagat	taagcgctcag	cttctgtttt	tataggtttt	720
cttgtcttga	caagatgctt	gaaaaaccaa	gaggatatga	aaatctgtct	ctggagaaac	780
aaagacgcag	gcatactcag	ccagaaatct	gagttttgtg	agacttggtg	atacagagat	840
ggacaatcgt	actggggtaa	aaaaaccctg	ctgaagagag	gacagtgacc	acagaactca	900
gtgtacaaa	catgcataca	aaggacacac	agggattttg	aaaatgctgc	acatccctta	960
atagtcatct	acataggtaa	tactgataaa	cattttgtat	tcagacgcca	aagttaactg	1020
atttaaaagt	tgatttactt	tttattaagt	tctccagagc	tgcacaacta	gttatgtttt	1080
gatttgtttt	gttttttaat	ttgggggtctc	tttgttttcc	ccaacataat	gttcataatg	1140
tttctgcatt	catctgttct	taaattgaaa	aacatataat	ttacttctta	taaattgaag	1200
tcttaaagt	gaaaccaaga	aatgtaatca	agcagtaaaa	acatctgaat	gtagaccatg	1260
atctcaagtt	cttccatttt	ctccccacg	agtggaaaaat	agacttctac	ataggaaagc	1320
taaaatatgt	taatatTTTT	aaatttaaagg	tttaatatca	gaatgcagtc	caaagagcaa	1380
atcatattac	ataattacat	tttaattaaa	tatagaatat	tctactgaat	tgcaatttat	1440
taaatattct	tatcctctta	aataaaaactg	ctcaacagtt	aatcagcagt	gaatcatctt	1500

```

gcagctatgc aatttaaaaa aaatacagat taccaatttc aagtgctgcc agctaaaaata 1560
actgttttaa cgggtatctt ttgtttgttc ttttcactta attattttat tgtgctttgc 1620
atctccaggc agttctctca catttggtta aaatgttttag caggctgtaa acttaagaaa 1680
agggtaaaaa aaaattttct ggagaggaac ttggaatttg agggagattt tatatacctt 1740
taaaaaactgt aatttaattg ggatgccagg tttatagcaa ttgcaactt taattttccc 1800
agataatctg gaggttagca tttgataaat gattttttta agtagatatg aagattttgt 1860
taatttataa tttattcatg tgttattact gtaattgaaa atgttataga cactttttaa 1920
ttcagtttgt gtagaaagaa atgtgtttaa caaaattatg ttaataaata ttcccacata 1980
atacatctga atggttaaaa atactggaag agttgtcagg gctacaatag tgaatgtcct 2040
tttttttaat atcaaaaata tcgataagta ggttttgtgt tttcaacgta gggaaaatgt 2100
tatcagtga taggtggcgt actttacttg gtataattta aaggtgcaca gtaagtactg 2160
attcccttat tttaatcttt ctttactcat aatgtattta agaatttgct gttttattta 2220
ac

```

```

<210> 7443
<211> 1366
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (989)...(190)
<223> similar to gi3217034 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7443
aatgagacc tgtagacatt agtcagtgcg gtggaattct gccatctcat cttcccccta 60
aaaaccctt tatgtacacc tgcgcagaga agagggctgc ctggcctccc tgggccgctg 120
gtacagatca cacacacaca cagattaaac gcagcccgtt taatgatggg gccagactg 180
cagtggctca agacaggaca ctgcggaaag ccgccatgtg ccgccgcaca ctgtctgaga 240
tctgtcagc cgatctgctc cggccgtagt aatccgtgaa gaggccgtca gggttgagca 300
ggtagatggc aatggagtgg tccacgatgt agtcctggtc ctcctccttg gggccggcat 360
ttagtagcac gcggtaaact tgactagcct gggcaacctg tttggtggag ccggtcagac 420
ccaacagtct tgggtggaag tcctggacgt agcgggccat ggcttcaacg tcgtcccgtc 480
cggggtccac agtgatgaag acaggctgca ctggaggcaa accaggctct gcttcagct 540
gccgcaccac ctgcaccagc ttctccagct cgtctgggca gatgtcaggg cagtgaagtga 600
agccaaagta catcagcacc cactggcccc ggaagtcagc cttgcagcga gcccggcctc 660
tgtgatccag caggtggaag tcgccctggc ccacagctgc ctggcgcagg gcttctgttc 720
gcttttgctg ctgcagcctc tccttctcag ccctcagggc cagccaggcc ccaccgagtc 780
cagccccgaa caggcctgtg atcagcagcc gggttcgaag ccaggggccc tggggctggc 840
cctgcccacc tgtctctgca gggccctgcc ttgacaaaag ccaggacctc agatgcaggg 900
cctggcctcc cagggtccca gggaggaccg gaggcttgag ctgagagagc ctgtgccaa 960
ctgtggggct ccgagtcagc agcagcatgg atctgatgct cctggaaaca agcacaggcg 1020
tcaggagcca gaagggaagg ccaggacagc tgcctgggct gccctgcga cttgagacca 1080
gccaccatc tgaaggaccc agccccagtt caggcttaac aggcatttgc agctgtcac 1140
ctgagctcag aactccacct ccaccaaaca tccacacctg ggcaaccaca cctgtcactc 1200
ctgtcctcta cctgggatca ccagcctgtc accgcacctc gccctgcacc tgcacctcag 1260
caaggtgaac ctcttgctga cggaaagcat tccaagtgca tgccttgctc gaactaacca 1320
cgttatctat ttgcaataaa ccattttctt aaaaggaaaa aaaaaa 1366

```

<210> 7444  
 <211> 1570  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (700)...(1010)  
 <223> similar to gi4756912 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

00433528460

<400> 7444							
cgacccacgc	gtccgggggc	cgcggcgggc	cgggtgctcc	gggccgaggc	cgcgtctggc		60
tcttgctgat	tgaattcctt	tggtgcagtt	tagcatgttc	ctctgtgttc	tgcattctct		120
gtagtgtaat	gttcaagctc	agaaatgcct	tatgtggatc	gtcagaatcg	catttggtgt		180
tttctagaca	ttgaagaaaa	tgaaaacagt	gggaaatttc	ttcgaaggta	cttcatactg		240
gataccagag	aagatagttt	cgtgtggtac	atggataatc	cacagaacct	accttctgga		300
tcatacagtg	ttggagccat	taagcttacc	tacatttcaa	aggttagcga	tgctactaag		360
ctaaggccaa	aggcggagtt	ctgttttgtt	atgaatgcag	gaatgaggaa	gtacttccta		420
caagccaatg	atcagcagga	cctagtggaa	tgggtaaatg	tgtaaataaa	agctataaaa		480
attacagtac	caaagcagtc	agactcacag	cctaattctg	ataacctaag	tcgccatggt		540
gaatgtggga	aaaagcaagt	gtcttacaga	actgatattg	ttggtggcgt	acccatcatt		600
actcccactc	agaaagaaga	agtaaatgaa	tgtggtgaaa	gtattgacag	aaataatctg		660
aaacggtcac	aaagccatct	tccttacttt	actcctaaac	cacctcaaga	tagtgcggtt		720
atcaaagctg	gatatttgtg	aaaacaagga	gcagtgatga	aaaactggaa	gagaagatat		780
tttcaattgg	atgaaaacac	aataggctac	ttcaaactctg	aactggaaaa	ggaacctctt		840
cgcgtaatac	cacttaaaga	ggttcataaa	gtccaggaat	gtaagcaaag	cgacataatg		900
atgagggaca	acctctttga	aattgtaaca	acgtctcgaa	ctttctatgt	gcaggctgat		960
agccctgaag	agatgcacag	ttggattaaa	gcagtctctg	gcgccattgt	agcacagcgg		1020
gggtcccgga	gatctgcgtc	ttctgagcat	ccccccggtc	cttcagaatc	caaacacgct		1080
ttccgtccta	ccaacgcagc	cgcgcgccacc	tcacattcca	cagcctctcg	cagcaactct		1140
ttggtctcaa	cctttaccat	ggagaagcga	ggatttttacg	agtctcttgc	caagggtcaag		1200
ccagggaact	tcaaggtcca	gactgtctct	ccaagagaaac	cagcttccaa	agtgactgaa		1260
caagctctgt	taagacctca	aagtaaaaaat	ggccctcagg	aaaaagattg	tgacctagta		1320
gacttggaag	atgcgagcct	tccggtcagt	gacgtgtgag	gccagaaagc	gcacgggagc		1380
ctggcctgcc	ttttgccggt	cctcagtttt	ccttttcatg	gaggcttcta	gccaaagatg		1440
ataaaggggg	aaatggtttt	tagtgcgat	attatactgc	ctcttaggtg	tactctttat		1500
aagctggtaa	accaagaatc	tagggagtgg	ccaaactaaa	tataatttct	ttaaaaaaga		1560
aagaaaaagg							1570

<210> 7445  
 <211> 506  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>



<221> misc\_feature  
 <222> (129)...(341)  
 <223> similar to gi1209724 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7445  
 attctttccc caagtctcta tggtagcgct agcgtcggag gcggtagtga cgggtggcgtt 60  
 tccttgagga agagtgaggg ttccaacttt tctgcttatt tgggaggtgt tgggcgcgga 120  
 cagtcgagat gtcagagaaa aagcagccgg tagacttagg tctgttagag gaagacgacg 180  
 agtttgaaga gttccctgcc gaagactggg ctggcctaga tgaagatgaa gatgcacatg 240  
 tctgggagga taattgggat gatgacaatg tagaggatga cttctctaata cagttacgag 300  
 ctgaactaga gaaacatggt tataagatgg agacttcata gcatccagaa gaagtgttga 360  
 agtaacctaa acttgacctg cttaatacat tctagggcag agaaccagg atgggacact 420  
 aaaaaaatgt gtttatttca ttatctgctt ggattttatt gtgtttttgt aacacaaaaa 480  
 ataatgtttt tgatataaaa aaaaaa 506

<210> 7446  
 <211> 602  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(603)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (83)...(481)  
 <223> similar to gi23396 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7446  
 aaactgttga gaaaacggaa ctactgggga aagggagggc tcaactgagaa ccatcccgtt 60  
 aaccgatca ccgctggtca ccatgaacca cattgtgcaa accttctctc ctgtcaacag 120  
 cggcagcct cccaactacg agatgctcaa ggaggagcag gaagtggcta tgctgggggc 180  
 gccccacaac cctgctcccc cgacgtccac cgtgatccac atccgcagcg agacctccgt 240  
 gcctgacat gtcgtctggt cctgtttcaa caccctcttc atgaacaact gctgcctggg 300  
 cttcatagca ttgcctact ccgtgaagtc tagggacagg aagatgggtg ggcacgtgac 360  
 cggggcccag gcctatgcct ccacggccaa gtgcctgaac atctggggcc tgattttggg 420  
 catcttcatg accattctgc tcgtcatcat cccagtgttg gtcgtccagg cccagcgata 480  
 gatcaggaag gcatcattga ggccaggagc tctgcccgtg acctgtatcc cactactct 540  
 atcttccatc ntgcacctgc cccagaggcc aggantctgc ccttgactgn attcaattac 600  
 tc 602

<210> 7447  
 <211> 4377  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4168)...(631)  
 <223> similar to gi3882285 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7447  
 tttttttttt tttaaaatat acagatatat ttatatattatc aaaaagtccc caaattgggg 60  
 aaaggggcat caggtagtct ggacccccca ctcagcccag actggaagga aggctgaagt 120  
 ccccaaagcg cagctctcag ccctgtagaa gctcagccaa gagctcccct ccccgtagagc 180  
 tgagtgtctc ttctacagca cccgcttttc ttgctgttct gggagtttgt tgggaggagc 240  
 agggggctcc cttccgggca gggcccaggg gcttcaacgc ctctgaaggt gggggtggtc 300  
 ctccccagt tctgactta tggcccatct ctccaagccc cacaaggac agttgaaccc 360  
 ggtggggttg agcagggttg ggccaagagg tcttgaacac ctggggcaga gttgggaaga 420  
 ggtttcctgc ccagggttga cccctgctgc ctcccagccc ctgcccggga acccccatgc 480  
 tgcaagtcat gatggaggat gtgggttggt ggggtgcagt tcccatgcac ccccgctgg 540  
 ctacatgca ggccttggag cataaggggt gtctgaacaa aaggcttcca gcggcggaat 600  
 cctagagcca aggatgggct cctgtgtctc gacgttgctc agaagagaca gagggtccgc 660  
 ggtgaaggca gccacactcc ggcgcatttc attttcacta cctcgaaggg ggatcagtga 720  
 cacactaccc agccggacct caggcactgc ccgggacacg cgtgagggtc ctgagggcca 780  
 caccaggccg tcatgctgca caaacagaaa ggtagcgaac cactcccga gctccatctg 840  
 tgtgtcacag cagaggtacc actgctgctt ctcatgttct tctgtctcat gcaccactgt 900  
 gaagccccag caggtgggtg gcctgagttt cttcttctact cccaggtaga ctttgagact 960  
 cttaatatggc cactccttct caggccggtg actggtctca ggggccccgc tccacggcct 1020  
 ctggctccgg acctccttgt agagccgcaa gcagctgctg ttgaggatga agtagcgatc 1080  
 gtggaagcca cctgagggca ggcccaggcc caggaggctg cggtcctcac ggaacttcat 1140  
 catgccatgc ttggtgtcac cgacacggct ggccaggtag agcagcatgg cctccatggc 1200  
 ctggtgcttc ttcaccacca ggtggctgtc cgtgcccagc ccgtgcagga tgggcagcac 1260  
 cttctccgca aagtgcaggg ggctctctgc ctctccctc tcgttgacct caaagcaggt 1320  
 ccaatagtc ttctccctga tgcccacgtt ccggcgatcc aggatctcca gggtagctc 1380  
 ctacagcagtc atggatgctg ggaccttgat atgtctctca gtctctgcct tcttctcttc 1440  
 cagatacact gtgcagatga agtcaccggc atgctgggtc ccactggcag tgccagccac 1500  
 gcgcactctc acaatggcag tgatctcctc ccgctgcttc ctgagctctt cctcatccac 1560  
 actaaacacc accacatagt ggttaatgag gtcttccacc acacggccag ccttgtagtc 1620  
 ctgcccactc gtctggaaga gcgtgggccc aaacacaatt gccagggtgt gcacgttcat 1680  
 ctggttcgtg tctgagaagc actgaacaca gtacaggtag ctgataaggg ctttactgt 1740  
 ggcccgggtg acagggggca gccgcaccag cagctctcgg tacctggaga ctttctctc 1800  
 ctgctcctca atctctgagg cctccagcca ggttaggcgc tgggcgcgag tgaagagccc 1860  
 atcaggcagg tcgcgcagga agcgttgtag cgccagggaa acatcatcca cgtgctgctc 1920  
 gccctccttg aggtgcacag agcgcgcctc ctgcccagag ctctccagca gccgtgtgt 1980  
 cttcgtatgt tgcccacact tgcggtagat gccctcggag gtcaggccgc actgctgtat 2040  
 gtagtccaca cagcgtgaca cgatcaccgg gatatccgag tccccaagct gctgctcga 2100  
 cagcgtgtcc cccatgctgg cggtgctttt ctggatggcc ccagccaac ccatgaagtc 2160  
 cagccgcccgc tcgcccgtga tgtacagtgt cctccttcgc tccactagca ccagcacctg 2220  
 gttctcactg tccccctgga tggaaagctc ctgcagtttc cgtagttgca gcggctcttc 2280  
 gcaggggccc tccgggaaga cagcacggag ctccagacca ctgagagaga accagccctc 2340  
 ctgggcccgc ttagggtctc ggccagcttt gtagggtagg cgtcccagcc gctcaaatc 2400

```

ccgggccagc agatcctcgg ctaggggagg cacgaatgcc ttagcaatac acttgaccca 2460
ctcatgagcc tgctccgcac tctccagccc aaacagggtac agccgttctc cctccgtgta 2520
cacctcaaag gtgtgctcaa agccatgggt gtcaggaggg ggactgcca ggcacacaat 2580
ctcgtcggcc cgaatctctc cattgggggt cactgccgcg tcattctcaa agtagctcag 2640
gaccccgcca ccaaggacac accagcgccg gctgaactct tcccgggccc ggcggtcctg 2700
tagcagcttg ccggcagagg cagtcttgta gaggaagcca ctgtggctca cggtcggcag 2760
gacaactgag tagtgctttt ccaggggctt catcgagtc agccgaggca cctctgtggt 2820
ccggttggtc cgaaggaatt ccatctgcag cgtctgcccc gcctgctctg caagagccag 2880
gggctggtgg gcctcagggt cccccagaaa gcagttgatc ccagccccac agccaggag 2940
cgctcgggtc tcagccagggt ctgtgggtgt gactgcagca cacagggcct tgtccagctc 3000
ctcctgggtt ccaaagagcg ggtggttagc gcggtacttg cctcacgggt acttgccctc 3060
cagggtggcac cgccgggtgc tggggctgct gctgggctgc agggcctcac tggggggcac 3120
gttggctgcc cagaagcgggt tcccagcgcc attccccagc tgtaagaaga gtcgataag 3180
tgtttctgtc cacaccttcc tgtccatctt caggctccgc acctggaga cgccagcgcc 3240
caggccacgg tgctcccctg cacagcgctt gcagataaca acacagaggt tgatggaggc 3300
ccagtcaggc tgaggagccc cgcagtcagc acagaacctg ttgggggctg cagccagat 3360
gcgctcggcc acctccgagg tagacagggc ctcagcgatg gctccctgca tggcctcaa 3420
ccactgctcc ttctctagct ctgagtcagc agagaagctg aagatgcggt agggcggtgt 3480
gaggtcgaag ctgcgcgggt ccacttcctt cacgttgccc acgctcatgt cgatgaaggt 3540
gatgccaatg cccagggtgtt actcctctag attctttag agctgcactt tgtccccgac 3600
cacggccacg tacagcttat tcttgaagcc acgaagctcc aggtcgccag cgcggtcagg 3660
ctgctctgag cctggaactc ccagcagata agcgctagag agccgggccc gggcacgctg 3720
ctcagccatg gcctgctgca gggcctgcat ccactccttc cgctccacat cactctctgc 3780
ccggaaggca aagggttcggt tgtttgtgat cacttcaaac ttctgggtccc cgatggcagc 3840
cacgtgggag atgcaggcca cagagataaa gcgcttagag taagcgtcct tgttactgtc 3900
aaagtatcgc aggtgatcag tatccagtct caccatcgt ttctgataga tgtaagatcc 3960
ctgcggtggg ttcttgtcca gccagccagc cttgatgact ggtgtgacgg ggggtggaggc 4020
cccaggcggc ccgtccatgg ggtgtggcgc agctattgtg ctgggcaagg acaagctcag 4080
gctgctggta tgccatccgc cattggggac gccctcatag gcgtgggtcat cctcttctc 4140
atcccccttg tcgtccccag acagttcctc tccctcgtc agcagactgg ccacgcgcac 4200
ggcccgtggg actcggctcg gtgggggctc ctctgcccc cgagaccac tcagcgtcat 4260
ccttcccttc aagccacaga tcacaccac ccggggctgc cacgccccct ctgtccacac 4320
agccccgacc cacacagccc agcactttaa gttatgtttc ctcacactcc cctcccc 4377

```

<210> 7448  
 <211> 1053  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (992)...(224)  
 <223> similar to gi37547 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7448
tttttttttt ttgcatagtg agtcggagtt tttttttata atttgtagaa aattgacatt 60
tagatttcaa aacttatatt acaaaattat cagcagcagt cttaaagcatt tcaacaatgc 120
tgatagattc cactttgcta acacaaacaa ggctattata ccatgttcga aaagcaagac 180
ttgttccaag agggcctatt attatacatc tgccctcactg ctcaggaccc gtttgtgact 240

```

```

gtgtcttctt ccatctcttc ttcacccatca tcagtggggc ctgatctgcg ttctctgcc 300
gggatctgac cagactgcag caacccttc agcctctcca cttcagccag agttgaagca 360
tttgctatgg cattcttgat tgcttctaca tccctggag atggcccacc tttcttttg 420
tcagttggca aaccagcacc tggattaaaa gttttgcttc tcctggcaat atcctttgca 480
agctgtgcac cccgtttgcc cttgaacatt ttctctgctt cctgacgctc ttttagtttc 540
actttctgga aatccagtac tctgacttgc ggaactttat aaatcacata caatctgtaa 600
tgcttcttat tggttaccgg atttcttagg atacttaggt aagtcagcga tttgagagat 660
gccagagggt ccagatcacc cagttccacg agactattat tggtgagaat gagttctgtc 720
agacagggca gagcctgatc aagtccctca cctatacggc atattctgtt gttgttcact 780
aacaatgttt tcagtcttct caacaaagga aaaccatcca gtttcctgat ctcattgtca 840
gaaaaatcaa tagcatcaaa ctgggtctaac gtagcaccta gattttcaat gacgggaatt 900
ttataccccc ggaggtccag ctcccggctc cgcaccgcgt tgggtgactg cgccgcctgc 960
tcgatcagct ccgccgtcag cttgaccatc ctgcagcctc ccgttcccc gcgctgtgga 1020
aagcccgtgg cctcccgccca gcgagacacg aaa 1053

```

```

<210> 7449
<211> 467
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (166)...(321)
<223> similar to gi403018 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7449
cgaccacgc gtccgggcag cggcggcggc cggggagggt cacaataaag gtgctaagaa 60
agagaatgta agacaggaaa ataattaaat attcttaccg agtgtcttca ataggccgtg 120
tttaagaggc gtcttacact ccctgttgcc agtggctgga acacaatgga tcacacaggg 180
gcgatagaca ccgaggatga agtgggacct ttagcccatc ttgctccaag tcctcagagt 240
gaagctgtgg ctcataaatt ccaggaaactc tccttgacgt ccagtcaaaa cttaccccct 300
ctgaacgaaa ggaataatgt gctccagctg aggctgcaac aaaggaggac gagagaacaa 360
ctagtggacc agggcatcat gccacgcaag atttatacca tcaactgcat ccctaacgtg 420
acagaacatg acgggcgtgt ccgagaagag cctgcatctt gctctgt 467

```

```

<210> 7450
<211> 1086
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (617)...(284)
<223> similar to gi4337104 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7450
tttttttttac agttttaccac acaaattttat ttggggagaaa catccaggga ctagggggaca 60
agagaggaaa cctggtgggc agtagggctg ggggtacaga gtagcagtaa gtgtgctgaa 120
gggctcaaac caagaggaag agccaaggct ggggtccagt ggctggaggg aggcaaggag 180
ggctggtatg agggactaga agtcctggcc aagcccagat agaagtcagg aaggtggctg 240
gaaactggtg gaattttaca ccaaagtttg ctgcagtcac actaaggagt atagagccct 300
ctgttttgag ggtcattgca gaaatccagg aagcagtatt gagagaatat ccagaagcca 360
gacaccggag aagttcgggt atttgaacaa tcactcatct gtccttact tcggcagtca 420
ctcaccatga cgtcagaacc gctgctgttc tttttgtgga gagtgatgca gctgctgcca 480
gctgggggtga ggcagatgtc agatcccaga aggcacccta actccttggg ctccaagagg 540
catcggtagc agcgcaggta tttggggaat ggaagtgggt gaggggggttc ccaattgaca 600
ggaacaaact tacctcatcc tttttcctgc ccgcctgtg ctgagctgag gctcagtggg 660
cctgaactcc ggagcccaca gaatctggcg ctgggctgct gctctccgag cctgaccgca 720
cctcagaact ccggtaggac ggggggggtg ccccccgtc aagctctgtt ccctggggaa 780
gaaacctgga aagtgcgaac cgccgctcgg gacccaagcg tcggggccca gcggacatcc 840
ggagcccga gcggtcccc aggaaggcgg cgccgtagcg ccactctccc tcccaggcga 900
attctggaga ccgctgcccc aggcgtctca cccattttct ccgctgggga ccgctgggct 960
ccccatccac gctactcgg tccccacccc accagctcag tcttgactca gaaactcagg 1020
gtttttactt ttaggatcgt tgggctgtgc gttaggggag gaggtggtcc tcagcgtcct 1080
ggaacg 1086

```

```

<210> 7451
<211> 1036
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (664)...(746)
<223> similar to gi212817 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7451
ttttacatgc cttgcatttt tgcagaagct ctgtcccagg gagctcaaag cttatcatag 60
tatttaaaaa aaaaaaacag aaatacagaa agtgtaggga ctgcaataaa gactagtctg 120
caagtctggg gccactttct cccaaaattt tttcaagagt tccagggttt aacattcggc 180
ctcagaaatt ccagaatctt ggggttcaaa tggaatcttc caaactgccc atcccaccca 240
gaaaggacac attcttcaga ccatatgttc caatgttttt ttggggaagt gaggttccca 300
tataagggaa aatgccccat tccaaaatac gacctttgga caggggtgacg tcattggaaa 360
tccgaaataa actgaggggt ggggaccagt ggggggaagc tctgtcactt ctggttacca 420
ctgttttgaa gcttcattgt ggctaatecc cctgcagaac ctcaaaccac ttagagatca 480
actccataga tctttggttt tcttcactct tttcacatgg aacacagctt tctcctagtc 540
tgtgctttgt ttgctcacgt gtttttttct tcctcttggt gttcatctgt ggcactccat 600
tccgaccctt gccttctgtc ccctgtactt tccaactgtc tccctgggga cctccgcctt 660
ctagatgagt tatacgtca gaagctcaag tacaagcta tcagcgagga actggaccac 720
gctctcaacg acatgacctc tctctgagag gcagccagggt cgctgccctc tgtccttctc 780

```

acatggtgcc	tectacgcc	ctgtgggctt	ctaggagctc	cggtggcctg	ccttctgggt	840
tgaacgtcag	agccttcttc	tgatgtgtct	gtgactctac	aaccgaaata	aagacgggca	900
gtcctcctct	tcattgcccc	tcattctcat	tttctccact	tgctgccttt	gagctgtagc	960
tgtgtgccct	taaccatagc	ctgaaacaca	aagtgggtgg	ttagcctctc	tcactcacia	1020
atgaaaagct	tattac					1036

```

<210> 7452
<211> 2179
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1325)...(1947)
<223> similar to gi5824602 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7452						60
gtattggaat	gaatatggag	gaggactatt	gtggcaaagt	tggcaagaaa	aacatccggg	120
tcaagcacta	tcttctgaac	cttgggaactt	tcctgataca	aaggaagaat	gggagcaaca	180
ttatagtcaa	ctttattgggt	attatttggga	acaatttcag	tattgggaag	ctcaggggtg	240
gacttttgat	gcctcgcaaa	gctgtgatac	agatacttac	acatctaaaa	cagaagctga	300
tgacaagaac	gatgaaaaat	gcatgaaaagt	tgacttagta	tcttttctat	cttcacctat	360
tatgggtgat	aatgatagct	ctgggtacaag	tgataaggat	catagtgaag	tacttgatgg	420
aattagtaac	ataaaactga	attcagagga	agtaacacag	agccaattag	attcctgtac	480
aagtcatgat	ggatcatcaac	agctaagtga	agtttagtagc	aaaagagagt	gccctgcttc	540
cggccaaagt	gaaccacgta	atggaggaac	caatgaggaa	agcaactcat	cggggaatac	600
aaacacagac	ccaccagctg	aggattcaca	gaagtcttca	ggagcaaaca	caagcaaaga	660
cagaccacat	gccagtggta	ctgatggaga	tgaaagttag	gaagaccac	ctgagcataa	720
gccaagcaaa	ctgaagagga	gccatgaact	ggacattgat	gaaaaccag	cttcagactt	780
tgatgacagt	ggttcccttc	taggattcaa	gtatggctca	ggacaaaaat	atgggtggaat	840
cccaaatttc	agtcacggtc	agggtcaggta	tttagagaag	aatgtgaagc	tttaagtctaa	900
gtacctagac	atgcgcagac	aaataaagat	gaaaaacaaa	cacatcttct	ttaccaaaga	960
gtcagaaaaa	ccatttttca	agaaaagcaa	aattctgagt	aaggtagaaa	aattcctcac	1020
atgggttaat	aaaccaatgg	atgaagaagc	atcacaggaa	tcattcttct	atgacaatgg	1080
gcacgacgct	tccacaagtt	gtgattcaga	ggaacaagac	atgtctgtta	aaaaaggtga	1140
tgacctactg	gagactaata	atccagaacc	tgaaaagtgt	cagagcgtat	cttcagctgg	1200
tgaacttgaa	acagaaaact	atgaaagaga	cagcttgcta	gcaactgttc	cagatgagca	1260
ggattgtgtt	actcaagaag	tgccagactc	ccgccaggca	gaaactgaag	ctgaagtga	1320
aaagaagaag	aacaagaaga	agaacaaaaa	ggtgaatggt	ctgcctcctg	aaatagctgc	1380
tgttcctgag	ctggcaaaat	actgggccca	gaggtacagg	ctcttctccc	gttttgatga	1440
tgggattaag	ttggacagag	agggtctggt	ttcagttaca	cccgagaaga	ttgtgaaca	1500
cattgctggc	cgtgttagtc	agtccttcaa	gtgtgacgtt	gtagtagacg	cattctgtgg	1560
agttggagga	aataccattc	agtttgcctt	aacaggaatg	agagtgattg	ccattgatat	1620
cgatcctgtt	aagattgccc	ttgctcgcaa	taatgcagaa	gtttatggga	tagcagataa	1680
aatagagttc	atctgtggag	atcttctgct	gctggcttct	tttttaaagg	ctgatgttgt	1740
gttcctcagc	ccaccttggg	gagggccaga	ctatgccact	gcagagacct	ttgacattag	1800
aacaatgatg	tctcctgatg	gctttgaaat	tttcagactt	tctaagaaga	tcactaataa	1860
tattgtttat	tttcttccaa	gaaatgctga	tattgaccag	gtggcatcct	tagctgggcc	1920
tggagggcaa	gtggaaatag	aacagaactt	ccttaacaac	aaattgaaga	caatcactgc	

001210 5249460

```

atatttttgt gacctaattc gaagaccagc ctctgaaacc taactatgca gcagtgcgag 1980
gacaaaagat catggagtgg tcaaaatatt cagatgagac atttggcatg tcttccttta 2040
ttcactgata ttttctaccc atgggtcttat atcaccgtat gaaatggaaa cttacaggac 2100
ttaaataatca gtgaaatatt ttgagatctt tgaataattc ctttagagga attatacaaa 2160
attaatatat atgagtcct 2179

```

```

<210> 7453
<211> 631
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (210)...(454)
<223> similar to gi35184 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7453
gtgtggtgga attcccggag aaggtgaaat tctgtgtgct ccctccggcg agagactttg 60
tcagctcccg cacagtaaca tcctgaataa agtcaaaaact caaccaacag gtggaagtcc 120
aagaatccga gtggaggctc accgaggcga aggggccaac catgggaaag gagagtggat 180
gggactcagg cagggctgct gtagcagctg tggtcggagg agttgtggct gtggggactg 240
tgctcgtggc gtcagtgcc atgggcttca cctcagtagg aatcgccgca tcctccatag 300
cagccaagat gatgtctaca gcagccattg ccaacggggg cggagttgct gctggcagtc 360
tgggtggctat tctgcagtca gtgggggcag ctggactctc tgtgacatct aaagttatcg 420
ggggctttgc tgggacagct cttggggcct ggctgggttc acccccttcc agctgaacac 480
cacactgagg caggagattg gctctcttgg tggagatgac tttcctgggc ctctggatga 540
caatcttcca aaggacaagt ctctactcc caaaactatt taaggaagca tgaaaaataa 600
agatgctggt tatcttctcc taaaaaaaaa a 631

```

```

<210> 7454
<211> 1855
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (94)...(1439)
<223> similar to gi5912057 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7454
catagagcaa gagtggacag aagcagggag tccccaggag gggacctcag gcatccaggg 60

```

```

agggtgagga gggacattac tttgtcagga catccaagac tcagtactca gcatgttgtg 120
ctcctgaggg aggatgaggt tggagatcca ggaaccaaag acctgggcca ccccagcat 180
ggcagtccca tccaggagac acagagttag gtggtcacc tggtcagtc actcccagg 240
agtgacatgg cagctttacc ggcttgaga gctacttctg ggctgacact ctggccccat 300
acagcagaag gcaggggatct gctgggagct gagaacagag ccttgactgg tgggcaacaa 360
gcagaggatc ccaccttggc ctcaggggct tatcagtggc ctggctctgt tgagaagctg 420
caagggtcag tatggtgtga tgctgagacg ctggtgagca gctcgaggac tgggtgggcag 480
gctcccccat ggctgacaga ccacgatgtg cagatgctcc gtctgttggc acagggggag 540
gtggtggaca aagccagggt ccccgcccat gggcagggtg tacaggttgg cttctccact 600
gaggctgccc ttcaggacct gtccctctcc aggtcagcc aactctgttc ccaagggtc 660
tgtggcctga tcaagaggcc tggggacctg cctgaggtcc tgccttcca cgtagatcgt 720
gtgctggggc tgcgcggag cctacctgt gtggcccgcc gcttccatag cccctcctg 780
ccctaccgat acacagacgg tggagcaagg cctgtcatct ggtggcgcc cgatgtgcag 840
cacctgagcg acccagatga ggatcagaac tctctggcct tgggctggct gcagtatcag 900
gccctgctgg cacacagctg caactggcca ggccaggccc cgtgcccggt catccaccat 960
accgagtggg cagcctggc gctcttcgac ttctgttgc aggtccacga ccgcttggat 1020
cgctactgct gtggcttcga gcctgagccc tcagaccct gtgtggaaga gaggctccga 1080
gagaaatgcc ggaaccagc cgagctgcgg ctggtccaca tctgtgtccg gagcagcgat 1140
ccatctcacc tgggtctacat cgataacgct ggcaaccttc agcaccctga ggacaagctg 1200
aactttcggc tgctggaggg catagatggg tttcctgagt ctgccgtgaa ggttctcgca 1260
tcagggtgtc tgcagaacat gctgctgaag tcgctgcaga tggacccagt gttctgggaa 1320
agccaaggcg gagccagggt gctgaagcag gtccctccaga ccctggagca gcgaggacag 1380
gtgctgctgg gacacatcca aaagcacaac ctcacactct tcagggacga ggaccataa 1440
gccgcacaca gccctgagtc aatgagcatc catcctgatg gccacatttt cttgggtcca 1500
ctcatcttga ggacaaatgg gaaaagccag aagccagagg ggcacaagga tgtcacggga 1560
tatttcacct gcctgggatg gtggaggtat tatggggttt tcaatctcaa agcgtccctt 1620
tctgccttct cggtctgtggc tattttattcc cttgcaccaa caaatacatt cgaaaatgtt 1680
ctgtgagctg ctcaagaaac tgtaaaaatg tgtgatgcac gtgcatatgc agagtgggag 1740
aactttgtgt gtgtgtagag gtgtgtaggt gtgggtggca tgtgtgcccg cctgcatgca 1800
atacctgaga ccaacctaat aaaggtacaa tcttcataga actgcaaaaa aaaaa 1855

```

<210> 7455

<211> 1083

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (162)...(897)

<223> similar to gi4929667 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7455

```

gcgggccaccg ttttaaccac gattggcgaa ggcgcgtcat ttcggagcga ctcagcgcct 60
gcccgccttc tcgcccgtgc gccggtgctt ggcctcccg ctccacctcg cttcttctt 120
cccggccgag gcccggggga ccagagcgag aagcggggac catgttccga cgcaagttag 180
cggctctcga ctaccacaac cccgccggct tcaactgcaa agatgaaaca gaatttagaa 240
acttcatcgt ttggtttgaa gaccagaaaa tcaggcacta caagattgaa gacagagggg 300
atttaagaaa catccacagc agcgactggc ccaagttctt tgaaaagtat ctcagagatg 360
ttaactgtcc tttcaagatt caagatcgac aagaagctat tgactggctt cttgggttag 420

```



ctgttagact	tgaatatgga	gataatgctg	aaaaatacaa	ggatttagta	cctgataatt	480
caaaaactgc	tgacaatgca	actaaaaatg	cagaaccatt	gatcaatttg	gatgtaaata	540
atcctgattt	taaggctggt	gtgatggctt	tggctaacct	gcttcagatt	cagcgtcag	600
atgattacct	ggtaatgctt	aaggcaattc	ggattttggt	tcaggagcgc	ctgacacagg	660
atgcagttgc	taaggcaaat	caaacaaaag	agggcttacc	tgttgcttta	gacaaacata	720
ttcttggttt	tgacacagga	gatgcagttc	ttaatgaagc	tgctcaaatt	ctgcgattgc	780
tgacacataga	ggagctcaga	gagctacaga	caaaaatcaa	cgaagccata	gtagctgttc	840
aggcaattat	tgctgatcca	aagacagacc	acagactggg	aaaagttgga	agatgaacac	900
ttgaggactt	cagcttctca	cctacttttag	tacagttggg	aaccatacac	ttctggcatg	960
tttggaatc	aaaatgtcac	attctcgggg	gaggaagccc	agaaaattgg	gtatgttcta	1020
gagatttacc	accattgctt	attgcttttt	tctttaataa	agtttaggaa	agtaaaaaaa	1080
aaa						1083

<210> 7456

<211> 1667

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1054)...(1176)

<223> similar to gi4200220 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7456

ggaagtgcct	ggccacagtc	gcagccccgg	cgccccgaag	cgggaaaaag	gctgggtgcc	60
gccgtcccc	agctgcgcaa	ccctaggaac	tctcgatca	acctggatgc	cttccttcac	120
aataatctca	tggaggtaat	ttaaagaatc	ccttttttgg	agagtcagag	agaaaagcaa	180
aaaaaaagag	catgaggaat	ttgaagactg	agagatgagt	tgtgtagcac	caacattttc	240
tttctgcctg	accttcatac	ctgatgaatt	aaaagggcaa	taattaaggt	ggaatttgcc	300
tcacatgaag	ttttattatt	ttagttatta	aaatagtttc	caacactact	gagaagcaaa	360
aagcaattct	cgttgtttta	agaacatagg	atgtttggaa	gagtgaata	aggacacat	420
tgaaaacaga	gaggcaatct	gaaggctacc	ttgacgcac	tgcaaagctc	ccagattctg	480
actttcacia	gacttgcttt	ctgtttctgg	gcctcgccca	aacagactgc	cagtcatccg	540
aaccgtggca	ggatggagat	gtttgtgtaa	ggtagactca	agtttgcaag	actcaagaag	600
taaaaccacca	aactaatttt	actttcactt	aaaccagatt	gaaaccaaga	cttgaagaat	660
taaaaaacttt	gacattaacc	attgattcac	tccaatgaaa	taattgtgtt	atagccagaa	720
tcatggtgaa	attggaacaa	ggcttttgat	gggattttta	attgaggagc	ttatattaaa	780
ttggatattt	tctttaatga	acagcatgtg	gccaaaattc	tattttcatt	aaagtattat	840
aagcatcatg	acaactcata	ttaaactctg	aacaaatgat	taatgacatt	tagagacttc	900
aaatgtcatg	agacacctta	aatattaaga	atcaaaaaga	acacctcaaa	gttgttttcta	960
ttcttagtaa	ttatgcttaa	aaaaaaatct	ttccttgctt	tgaaagccag	ttgctaaaaa	1020
taaaaaactgt	tccatgaaaa	atcacaatgc	ccaatgataa	atztatgtat	ttgtttttta	1080
aagggggagg	atggtgagaa	aaatagaaaag	ctcctggctg	acatcagagg	tcacaagatg	1140
agttcctcat	ttgtccaaat	gacattcagc	tgctaaaaga	agtcagactt	cttttacagg	1200
gctgttgaaa	agacagtaag	tcaggagggt	ttcaatacat	gactgcaggg	gaatcagaca	1260
caggctagtc	acttaagttg	cttaattgtc	cgtgtaccct	tagcccacga	cttcaggggc	1320
tcagcagctt	catccttcat	ggcaccaaaac	cttgacgtaa	gggattcaaa	gacacactca	1380
taagaatcgt	gaatttgtcc	tcatgcaaaa	tttgggggac	tggcctacaa	aaccgaaaca	1440
aggagatcgt	atcccctaag	tgaaagggac	tttatattaa	ttgtcagtta	taacaatatg	1500

```

taaaatacat aaaagagata gagcactgca ggccatcaag gtcaaacatt tgaaacagaa 1560
ttaaactaaa ttataaggag gattaaatgg cttttgtctt tgtaaagaaa agaatatgca 1620
tgcattgatt gcctatgtag aaggattaat aaatcttttg gcatggt 1667

```

```

<210> 7457
<211> 532
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (102)...(415)
<223> similar to gi914899 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7457
cttttccac gtggtgaatg ccctggagtt gtgaggggtgt gagggtcgcg ttcctgctgt 60
ctggactttt tctgtccac tgagacgcag ctgtgtgaaa tatgatttgg cgaggaagat 120
caacatatag gcctaggccg aggagaagtg taccacctcc tgagctgatt ggcctatgc 180
tggagcccg tgatgaggag cctcagcaag aggaaccacc aactgaaagt cgggatcctg 240
cacctggtca ggagagagaa gaagatcagg gtgcagctga gactcaagt cctgacctgg 300
aagctgatct ccaggagctg tctcagtcaa agactgggga tgaatgcgga gatggtcctg 360
atgtccaggg gaagattctg acaaagtcag agcaatttaa aatgccagaa gggaggtgac 420
aggcaaccac aggttttaaat gaagacaagc tgaaacaaca caaaactgtt tttatctaag 480
atatttgact taaaaatatc gaaataaact tttgcagctt tctccgaaaa aa 532

```

```

<210> 7458
<211> 1116
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (669)...(738)
<223> similar to gill43540 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7458
ttttttggga ttttgcaaca tttaatcaaa aaagaatctg gcatcttaaa agttaggttt 60
acaaacttga cacattctca atattagcaa tttatctatt taaacattgt ctaagaaaat 120
atgatctatg aagacattaa tacattaata agatacttaa gagttcatta taagctacaa 180
cactttgcaa ataagtatcc agtttaattg taacaaacca caatttgtga gcaaatttaa 240
gaatataaaa aacattaatt agttaataac aattctctgg gaatatacat tatacctaca 300

```

```

gctgttttta cagtgaagat cttccttttt ttttcctttt aattatcaaa atggtaaadc 360
actgtatggt cctggatctc catgctataa aactgaaata tgtatttcca gcgtagcaga 420
tggtgaccag gaaggcaaaag aacgatgagg ccgcccagct gttgaagttg tgactgtccc 480
tctcagggga gacggaagat gcatctacaa cagcggcaga gaggtacaag acgaaggcac 540
tgccgttaaa gcacaggccc actgttgttc agggcacctg gggaatcctg gtgtagggtca 600
ttgttatgta gataatgagg aagaagacgg tgaggaccca gtaaaatata gctacaaaca 660
tgaccagacc aaatgcgggg acccggaagt actcagttcc agcaataagc gtccatacca 720
gcagccccag aacgatctcg gccacgatga ggaagccggg caggggtgcgg aggaactccc 780
ggtcgtaggc gaagctgctg ctgctgggtat ggacgcttat tgctggaact gactacttcc 840
gggtccccgc atttggtctg gtcattgttt tagctgtatt ttactgggtc ctcaccgtct 900
tcttcctcat tatctacata acaatgacct acaccaggat tccccagggt cctgggacaa 960
cagtgggcct gtgctttaac ggcagtgcct tcgtcttgta cctctctggc gctgtgttag 1020
atgcatcttc cgtctcccct gagagggaca gtcacaactt caacagctgg gcggcctcat 1080
cgttctttgc cttcctgggc accatctgct acgctg 1116

```

```

<210> 7459
<211> 2093
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (247)...(1875)
<223> similar to gi4884154 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7459
cccacgcgtc cgtccaaggt caaggtgccg cacaccttcc tcatccacag ctatacacgg 60
cccaccgttt gccaggcttg caagaaactc ctcaagggcc tcttccggca gggcctgcaa 120
tgcaaagact gcaagtttaa ctgtcacaac cgctgcgcca cccgcgtccc taatgactgc 180
ctgggggagg cccttatcaa tggagatgtg ccgatggagg aggccaccga tttcagcgag 240
gctgacaaga gcgccctcat ggatgagtca gaggactccg gtgtcatccc tggctccac 300
tcagagaatg cgtcccacgc cagtgaggag gaggaaggcg agggaggcaa ggcccagagc 360
tccctggggt acatccccct aatgagggtg gtgcaatcgg tgcgacacac gacgcggaaa 420
tccagcacca cgtgcgggga gggttgggtg gttcattaca gcaacaagga cacgctgaga 480
aagcggcact attgggcctt ggactgcaag tgtatcacgc tcttccagaa caacacgacc 540
aacagatact ataaggaaat tccgctgtca gaaatcctca cgggtggagtc cgcacagaa 600
ttcagccttg tgccgcggg caccaacca cactgctttg agatcgtcac tgccaatgcc 660
acctacttgc tgggcgagat gcctggcggg actccgggtg ggccaagtgg gcagggggct 720
gaggecgccc ggggctggga gacagccatc cgccaggccc tgatgcccgt catccttcag 780
gacgcaccca gcgccccagg ccacgcgccc cacagacaag cttctctgag catctctgtg 840
tccaacagtc agatccaaga gaatgtggac attgccactg tctaccagat cttccctgac 900
gaagtgtctg gctcagggca gtttgagtg gtctatggag gaaaacaccg gaagacaggc 960
cgggacgtgg cagttaaggt cattgacaaa ctgcgcttcc ctaccaagca ggagagccag 1020
ctccggaatg aagtggccat tctgcagagc ctgcggcatc ccgggatcgt gaacctggag 1080
tgcatgttcg agacgcctga gaaagtgtt gtggtgatgg agaagctgca tggggacatg 1140
ttggagatga tcctgtccag tgagaagggc cggctgcctg agcgctcac caagttcctc 1200
atcaccacga tcctggtggc tttgagacac cttcacttca agaacattgt ccactgtgac 1260
ttgaaaccag aaaacgtgtt gctggcatca gcagacccat ttcctcaggt gaagctgtgt 1320
gactttggct ttgctcgcat catcggcgag aagtcgttcc gccgctcagt ggtgggcacg 1380

```

```

ccggcctacc tggcaccoga ggtgctgctc aaccagggtc acaaccgctc gctggacatg 1440
tggtcagtg gcgatgatcat gtacgtcagc ctcagcggca ccttcccttt caacgaggat 1500
gaggacatca atgaccagat ccagaacgcc gccttcatgt acccggccag cccctggagc 1560
cacatctcag ctggagccat tgacctcatc aacaacctgc tgcaggtgaa gatgcgcaaa 1620
cgctacagcg tggacaaatc tctcagccac ccctgggttac aggagtacca gacgtggctg 1680
gacctccgag agctggaggg gaagatggga gagcgatata tcacgcatga gactgacgac 1740
gcgcgctggg agcagtttgc agcagagcat ccgctgcctg ggtctgggct gccacaggac 1800
agggatctcg gtggggcctg tccaccacag gaccacgaca tgcaggggct ggcggagcgc 1860
atcagtgttc tctgaggtcc tgtgccctcg tccagctgct gccctccaca gcggttcttc 1920
acaggatccc agcaatgaac tgttctaggg aaagtggctt cctgcccata ctggatggga 1980
cacgtgggga gtggggtggg gggagctatt tccaaggccc ctccctgttt cccagcaat 2040
taaaacggac tcatctctgg ccccatggcc ttgatctcag cataaaaaaa aaa 2093

```

```

<210> 7460
<211> 1621
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1121)...(769)
<223> similar to gi3881921 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7460
tatttttagt agagacgggg cctcgactg ctggccaggc tggctctgaa ctcccgacct 60
caagtgatcc gccgcctcg gtctcccaga gtgctgggat tacaggcgag agacaccgcg 120
cctggccccc ttccaacttt cttaacggga aaggctgcta ccatttcttg agcacctatg 180
tgtcaggctc catcaggcac gtcacagtct aacctgataa ttacacaacc catgtcactg 240
acaaggaagc caggttcgga ggggttgagg cccgcaacct gagggagggtg actccgggac 300
acacaattag tcttgctttg ctgaaggaaa gatatgcagc ccaccagtcg gaggtctggag 360
aaggagcagc agcagcttaa accttaaccc agagttattt ttattttcca gaacgtgta 420
ggaactagta cttaaataat ctcaagtccc tgagggggca gagatcccac catgcaaaat 480
agcaaacaga cccaagactt ggggagaggc ggtgagtcca tcagaaatgg atgggtacat 540
ctgattccca ccacgcgggg ctacagcttag ttagcaggag accttcagac tgagaaaaaa 600
tgcaagtctt tttttggcct ctaatatctg ggaaggatgg agggagctca ggagacacag 660
aaaagatggc gtatgaatcc tgtccggcct gaacgaggct ggagttgtgc ctctggatag 720
cttcaagcac tgatcagatt gtcagcccc gctgcttgaa cagatgcttt agagcctctt 780
ccagttgccg gtttgttccc tgaagccctc taccacctg cgctgcccac tcgaagtatt 840
cctggactcg atgttctgac catccctctg ggggtcagcg attcagggtc ctcagattgt 900
acagcttgct tgccagcttc accagtttgg ccccggggct actgtggggc gcttgcctca 960
cctgcagcct ctttctctcc agcttgggca gactcttgct atctgttacc tctccacca 1020
ggcgccgcac ttgtgcccc aagtgtagct ccacctcatc caggggtggtg tctgtgtcct 1080
ccaccgtgtc atggagcagg gccgcctgta acaccacaat gtcagtgtat cccgctcgt 1140
gggtcaggat ccgtgccaca cctgacgggg aggggcaaag caggaagtca ggtcggaggt 1200
agtcccaagg cgggtgtgtt tggtttttg acagccagat gtggcccctt gtggactctg 1260
actagctggg tgaccttggt caagtacctt accctctggg agccaaccga caaagggaac 1320
gatcatgcct accgttccaa ttgttatgag gcttaaacgg tatatcgac taagcttggg 1380
acaaaacagg tgcataatga ggtgcacgcc cccacgctt ccttccagat cccaccacc 1440
caggtgcccgc agccggcgct ccgcggccga cgcgcccacc gatgggggtg ttgatgtagg 1500

```

```

gggtccccctc ggggtccttc cgccgctgct gccggtgctt gcgagccgcg aagtcggcag 1560
cctccagcag ctgcgccgcc tcagagccca tcgcgcggat ggggccgacg actgcggccg 1620
c 1621

```

```

<210> 7461
<211> 2136
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2056)...(592)
<223> similar to gi4895039 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

00488725 "013100

```

<400> 7461
tttcgtctct ctggaggagg ctgggctgcc gggcctgtcc tccaaggaag aagcagcacc 60
aacttgaagc tggatgcagc cttgcatgtg ttctcaggtc ttctgcctca gtttccctgc 120
ctgacaatcc aggggagcaa tgctgtgagg gctgctcact gccccagac cttctgcaca 180
tgtgtgactc ctgtgacatc atctgtctcc aggtttccag acttctcagc cccacccttg 240
cagcagcagg tcagcctggc ttttagaaaag agaattttat ttggaatgaa aatataagagc 300
ccaccctccc gectcctctg gggaggaggc agagggtggt gcagtggctg gggagatggg 360
ccctcagagg tcgaggagct cgcctgggcg tagacatcct ccacaggaac agtgaggaaa 420
gctgggcgct ggcttcggcc tgggcctggg acgggtgggg gtgggaactg acccctgcgc 480
tgctcagag gctctgggca gccagctagc ccggtgcgac ccgctggcag aagctgagtg 540
ggaagggggc ggcgaggagg atgaagggtg cgtgtggctg tggccctacg catccccgtt 600
ctccatgcgg cccagctgct cctccaggcg gcagatgcgg tcgccctgct ccttgaccag 660
cgccctcagg gcccgagct cctgcacac ctccctcagc ttcccagcct ccccggtctt 720
ggccaggctg ccgctggggg tggcatcagc agcagtgggt gtggaggcgg gggccccctag 780
gtgggaggag cccggggcca tggcgggccg gctgtcagac aacacgttgc gccggctgat 840
cttcaggctc cgctgcttgc tgggcacgta ggccctccgc agtgagatga ggatcgggtc 900
ggcatcccg cgcctcacc actcctcagc ctccagggtc gcctcgggcc cggtctgtgc 960
ggggtacaga tcactctgga agaggctccga ctttcttggc acagtcatga cgatgggctc 1020
acacttgccg tcactgcagtt tgtagaaccg ggcgatctcg cacttgctga cctccaggcc 1080
ccgcttgggc atgctgccca taccocgctg cggtccttg ctggtgaacg tgttcaggaa 1140
gtggatgtag ggaggctcct ctgtgatctc aaagtaccgg atgctggagt cacccttgcc 1200
gcagacgtag accacactgg tgtcggggtc gtagaagggc agcagggcc cggtgtctga 1260
gtccagttcc tgcagggcca tgggttcctc gaggttttct ggggtcccaga gcgccagctg 1320
ccgctcgctc attcggtgta agcctgtggg gaacaccttg ccatctgcca ggaagatggc 1380
ccgcatgggc cgggccccct catgagcctt ctcccgctct gccaccaggg tgccccgacg 1440
ggggtcgatg atgcgcacgc tcttgtcctt gcatgctgag caaaacaggc tgccattgtg 1500
gttccagctg acattgtaga tgaggtcagg gtgcaggctg tccaggcggg acagctcctc 1560
cgctgtgccc acattccaga tgagtaccac gttgtcgag cctgcactga gcagcacgtt 1620
tcgggcccgtg ggggtgccag cgatgatgcc cactcgcttg gtgtgcccc ctggtaccac 1680
caccggctct gtcagcgggg aggtcagccc gttctctggg atctgccaca ccatgaccgt 1740
gcagtcctcc gagecgtggt ctatgacttc gtcgttgtga ggacaccagt cgatgtccag 1800
gacaggctcc gtgtgcccac acaccgtcgg ttaggccttg tcaatgcggc ccgtcttgct 1860
tagggggagc accagaaagg caccctctcc actggcctcc acaatcaccg ccaggaactt 1920
ggggttgacg gcgcagaagg tgctgtccca ggtaacacgg gacacgcgaa tgtcctcata 1980
gcactggtcg ttcttgaccg gctgcccga ccatgccgg aatttgcctt gccggaccac 2040

```

```

tttgcggaag gacatgtcgg gggcaccggg ggcgagggg gctgcggcac cggcttcggg 2100
cggctccgga tcccggcctc tgggaagcag gaagca 2136

```

```

<210> 7462
<211> 1856
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (81)...(1463)
<223> similar to gi2865163 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

09483725.013100

```

<400> 7462
ctgatagccc tcggaaccgc ttcgaaatcc tcggtagacc cacgcgtacg cccacgcgtc 60
cgggcccgcg ccccgccatg gaggacctgg atgccctgct ctctgacctg gagactacca 120
cctcgcacat gccaaagtca ggggctccca aagagcgcgc tgcggagcct ctcacccttc 180
ccccatccta tggccaccag ccacagacag ggtctgggga gtcttcagga gcctcggggg 240
acaaggacca cctgtacagc acggtatgca agcctcggtc cccaaagcct gcagccccgg 300
cgccccctcc attctcctct tccagcgggtg tcttgggtac cgggctctgt gagctagatc 360
ggttgcttca ggaacttaat gccactcagt tcaacatcac agatgaaatc atgtctcagt 420
tcccattctag caaggtggct tcaggagagc agaaggagga ccagtctgaa gataagaaaa 480
gaccagcct cccttcacgc ccgtctcctg gcctcccaaa ggcttctgcc acctcagcca 540
ctctggagct ggatagactg atggcctcac tctctgactt ccgcgttcaa aacctcttc 600
cagcctctgg gccaaactcag ccaccgggtg tgagctccac aaatgagggc tccccatccc 660
caccagagcc gactggcaag ggcagcctag acaccatgct ggggctgctg cagtccgacc 720
tcagccgcgc ggggtgttccc acccaggcca aaggcctctg tggctcctgc aataaaccta 780
ttgctgggca agtggtgacg gctctgggcc gcgcctggca ccccgagcac ttcgtttgcg 840
gaggctgttc caccgcccctg ggaggcagca gcttcttcga gaaggatgga gcccccttct 900
gccccgagtg ctacttttag cgtttctcgc caagatgtgg cttctgcaac cagccccatcc 960
gacacaagat ggtgaccgcc ttgggcactc actggcacc agagcatttc tgctgcgtca 1020
gttgcgggga gcccttcgga gatgaggggt tccacgagcg cgagggccgc ccctactgcc 1080
gccgggactt cctgcagctg ttcgccccgc gctgccaggg ctgccagggc cccatcctgg 1140
ataactacat ctcggcgctc agcgcgctct ggcacccgga ctgtttcgtc tgcagggaat 1200
gcttcgcgcc cttctcgga ggcagctttt tcgagcacga gggccgcccg ttgtgcgaga 1260
accacttcca cgcacgacgc ggctcgctgt gcgccacgtg tggcctccct gtgaccggcc 1320
gctgcgtgtc ggccctgggt cgcgcgttcc acccgga cttcacatgc accttctgcc 1380
tgcgcccgt caccaagggt tccttcagg agcgcgcgg caagccctac tgccagccct 1440
gcttcctgaa gctcttcggc tgacagccc ctcggctcgc cgtctcccc ggaggccgcg 1500
ccctcccga aaagccgggt cctccagacc ccgagggcct tgctctcaga gcgggaggcc 1560
ccaccactg gagagccccg cccctaaggt actatgagtc ctcaggggtc aagttcagaa 1620
acggcccagc cagacctaaa cccacagcc cacaaagtgg attgcacaca gacaagaact 1680
cccgctcggg cctccactct attcccacc ttgaggggag ccccttactg ggggagggtc 1740
cttgcaattc cagcgaatcg gaggccaggc caggacgtcc ttgctccctg caccctcact 1800
gttctgtgca ctttttctac ctacataaac acacgcattc cacctcaaaa aaaaaa 1856

```

```

<210> 7463
<211> 2887
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(999)
<223> similar to gi5882722 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7463
tggtcgaccc acgcgtccgg agaagatgct gctgtccctg gtgctccaca cgtactccat      60
gcgctacctg ctgccagcg tcgtgtcctt gggcacggcg cccacctacg tgttggcctg      120
gggggtctgg cggtgtctct ccgccttcct gcccggccgc ttctaccaag cgctggacga      180
ccggctctac tgcgtctacc agagcatggt gctcttcttc ttcgagaatt acaccggggt      240
ccagatattg ctatatggag atttgccaaa aaataaagaa aatataatat atttagcaaa      300
tcatcaaagc acagttgact ggattgttgc tgacatcttg gccatcaggc agaatgcgct      360
aggacatgtg cgctacgtgc tgaagaagg gttaaaatgg ctgccattgt atgggtgtta      420
ctttgtcag catggaggaa tctatgtaaa gcgcagtgcc aaatttaacg agaaagagat      480
gcgaacaag ttgcagagct acgtggacgc aggaactcca atgtatcttg tgatttttcc      540
agaaggtaca aggtataatc cagagcaaac aaaagtcctt tcagctagtc aggcatttgc      600
tgcccaacgt ggcttgcag tattaaaaca tgtgctaaca ccacgaataa aggcaactca      660
cgttgctttt gattgcatga agaattattt agatgcaatt tatgatgtta cgggtggtta      720
tgaagggaaa gacgatggag ggacgcgaag agagtcaccg accatgacgg aatttctctg      780
caaagaatgt ccaaaaattc atattcacat tgatcgtatc gacaaaaaag atgtcccaga      840
agaacaagaa catatgagaa gatggctgca tgaacgtttc gaaatcaaag ataagatgct      900
tatagaatth tatgagtcac cagatccaga aagaagaaaa agatttcctg ggaaaagtgt      960
taattccaaa ttaagtatca agaagacttt accatcaatg ttgatcttaa gtggtttgac     1020
tgcaggcatg cttatgaccg atgctggaag gaagctgtat gtgaacacct ggatatatgg     1080
aaccctactt ggctgcctgt gggttactat taaagcatag acaagtagct gtctccagac     1140
agtgggatgt gctacattgt ctatthtttg cggctgcaca tgacatcaaa ttgtttcctg     1200
aatthattaa ggagtgtaaa taaagccttg ttgattgaag attggataat agaatttgtg     1260
acgaaagctg atatgcaatg gtcttgggca aacatacctg gttgtacaac ttttagcatg     1320
gggctgctgg aagggtaaaa gctaaatggg agtttctcct gctctgtccc aatttcctat     1380
gaactaatga caacttggag aaggctggga ggattgtgct atthtgcaa gtcagatggc     1440
tgcatthttg agccattaat ttgccagcgt atthcactth ttctgttatt ttcaatttat     1500
tacaacttga cagctccaag ctcttattac taaagtattt agtatcttgc agctagttaa     1560
tatttcatct tttgcttatt tctacaagtc agtgaaataa attgtattta ggaagtgtca     1620
ggatgttcaa aggaaagggg aaaaagtgtt catggggaaa aagctctgtt tagcacatga     1680
ttttattgta ttgcgttatt agctgattth actcatttht tatttgcaa ataaatttct     1740
aatatttatt gaaattgctt aatttgcaca ccctgtacac acagaaaatg gtataaaaata     1800
tgagaacgaa gtttaaaatt gtgactctga ttcattatag cagaacttht aatttccag     1860
ctthttgaag atthtaagcta cgctattagt acttccctth gtctgtgcca taagtgttg     1920
aaaacgttaa ggthttctgt tttgttttgt tthtttaata tcaaaagagt cgggtgtgaac     1980
cttggttgga cccaagttc acaagattht taaggtgatg agagcctgca gacattctgc     2040
ctagatttac tagcgtgtgc cthttgcctg cthctctthg atthcacaga atattcatc     2100
agaagtcgcy tthctgtagt gtggtggatt cccactgggc tctggtcctt cccttggatc     2160
ccgtcagtgg tgctgtcag cggttgcac gtagacttgc taggaagaaa tgcagagcca     2220
gcctgtgctg cccactthca gagttgaact tcttaagccc ttgtgagtgg gcttcaccag     2280
ctactgcaga ggcatthtgc atthgtctgt gtcaagaagt tcaccttctc aagccagtga     2340
atacagact taattcgtca tgactgaacg aatttgttht tthccatta ggtttagtgg     2400
agctacacat taatatgtat cgccttagag caagagctgt gttccaggaa ccagatcacg     2460

```

094837E.0130

```

atTTTTtagcc atggaacaat atatcccatg ggagaagacc tttcagtgtg aactgttcta 2520
TTTTTgtgtt ataattttaa cttcgatttc ctcatagtcc ttttaagttga catttctgct 2580
tactgctact ggattttttgc tgcagaaata tatcagtggc ccacattaaa cataccagtt 2640
ggatcatgat aagcaaaatg aaagaaataa tgattaaggg aaaattaagt gactgtgtta 2700
cactgcttct cccatgccag agaataaact ctttcaagca tcatctttga agagtcgtgt 2760
ggtgtgaatt ggtttgtgta cattagaatg tatgcacaca tccatggaca ctcaggatat 2820
agttggccta ataatcgggg catgggtaaa acttatgaaa atttcctcat gctgaattgt 2880
aatTTTc 2887

```

<210> 7464

<211> 2450

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (75)..(2453)

<223> similar to gi4689221 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7464

```

gagaatttat acctttagtg ccttggccga gaaccccggtg tcgacccacg cgtccggggg 60
cggggggttg gaagatggcg gctcccagcc tcttcaactg gaggcaggtt tcttcttca 120
cggggcccgt ccccgccgcc cggcacggac accgagcggg ggccatccgg gagctgatga 180
tcatcttttg agggggaaat gagggcatcg cggatgagct gcacgtctac aacacggcta 240
cgaatcagtg gtttctgccg gctgttagag gagatatccc tccaggctgt gctgcccatg 300
gatttgtctg tgatggtacc agaatttagg tatttggggg aatggttgaa tatggaagat 360
acagcaatga gttatatgag ttacaagcaa gtcgttgggt atggaaaaaa gtgaaacccc 420
atccccctcc ttctgggtta cctccttgtc ctccggcttg acatagcttc tctttatatg 480
gtaacaaatg ctatttgttt ggtggccttg caaacgaaag cgaagattca aacaataatg 540
ttcccagata tttaaatgat ttttatgagt tggagctaca gcatggctct ggtgttgttg 600
gttggagcat tccagtgaat aaaggggttg tgccttctcc aagagaatcc cacacagctg 660
ttatatattg caaaaaagat tctggaagtc ctaaaatgta tgtttttggt ggaatgtgtg 720
gtgctgcgct ggatgacctg tggcagcttg acttagaaac tatgtcatgg tcaaaaaccag 780
aaactaaagg gacagtgccg cttccacgaa gccttcatac agccagtgtt ataggaaaca 840
agatgtacat ttttggtgga tgggtccac ataaggggga aaatactgag acttcacctc 900
atgatttgta atggagatgt accagttcat tttcttacct aaatctggat acaacagagt 960
ggaccacctt agtatcagat tctcagggaag ataaaaaaa ttcaagacca agaccaagag 1020
ctggccactg tgctgttgca atcggcactc gattgtattt ttggagtgga agagatggct 1080
acaaaaaagc actgaatagt caagtttgct gcaaggatct ttggtatctt gatactgaga 1140
aaccaccggc accatctcaa gtacagctga tcaaagccac taccaactcc tttcatgtca 1200
agtgggatga agtgtctaca gttgagggct atcttttgca gttgagtaca gacttgccat 1260
accaagctgc atcatcagat tcttcagcag caccaaatat gcaaggagtc aggatggacc 1320
ctcacagaca aggcagtaat aacatcggtc ctaacagtat caatgatata ataaacagca 1380
caaaaaactg acagccagcc acaaaagaaa cttcaatgaa aaacaaacca gactttaaaag 1440
cactgacgga ttctaattgcc attttatatc catctttggc atcaaagtct tctaatacata 1500
atagtcattg ggtggatatg ctaaggaaaa atgaagggtc tcacacttca gcaaatgtag 1560
gtgttctaag tagttgcctg gatgtaagaa cagtaattcc tgaaacatct gtatccagta 1620
ctgtttccag cacacaaact atggtaaccc agcagaccat taaaactgaa tcatccagta 1680
caaatggggc agttgttaaa gatgaaactt cactaacaac attcagtacc aaatctgaag 1740

```



ttgatgaaac	atatgcactg	cctgcaacga	agatcagccg	tgtagagaca	catgctacag	1800
caacgccgtt	ttctaaagag	actccttcaa	atccagtggc	cacagtgaaa	gcgggagaa	1860
gacaatggtg	tgatgtggga	atttttataa	ataatacagc	tttggtgagc	cagttttatt	1920
tgctgccaaa	aggggaagcaa	agcatctcaa	aggtaggaaa	tgcagatgta	cctgactaca	1980
gcttgcttaa	gaaacaagat	cttggtccag	gcacaggata	cagattcagg	gttgctgcaa	2040
tcaatggttg	tgggataggt	cctttcagca	aaatcagtga	attttaaact	tgtattcctg	2100
gttttcctgg	agctccttct	gcagtcagaa	tttcaaagaa	tgttgaaggt	atccaccttt	2160
cctgggaacc	tccaacctca	ccttctggaa	atatttttga	atattcagcc	tacttggtta	2220
tccgcacagc	acagatacaa	gataatccaa	gtcaacttgt	gttcatgagg	atttattgtg	2280
gtcttaagac	atcatgtata	gtaactgctg	ggcaacttgc	aaatgcacat	attgattata	2340
catccaggcc	tgccattgtg	ttcaggatat	cagcaaagaa	tgaaaaggga	tatggaccag	2400
ctacacaagt	tcggtggcct	caaggtaaca	ataagaaagc	accttttaaat		2450

<210> 7465  
 <211> 4651  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (29)...(474)  
 <223> similar to gi307140 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7465						
agcctagcac	tctgacctag	cagtcaacat	gaaggctctc	attgttctgg	ggcttgtcct	60
cctttctgtt	acggtccagg	gcaaggctct	tgaaagggtg	gagttggcca	gaactctgaa	120
aagattggga	atggatggct	acaggggaat	cagcctagca	aactggatgt	gtttggccaa	180
atgggagagt	ggttacaaca	cacgagctac	aaactacaat	gctggagaca	gaagcactga	240
ttatgggata	tttcagatca	atagccgcta	ctggtgtaat	gatggcaaaa	ccccaggagc	300
agttaatgcc	tgtcatthtt	cctgcagtcg	tttgctgcaa	gataacatcg	ctgatgctgt	360
agcttgtgca	aagagggttg	tccgtgatcc	acaaggcatt	agagcatggg	tggcatggag	420
aaatcgttgt	caaaacagag	atgtccgtca	gtatgttcaa	ggttgtggag	tgtaactcca	480
gaatttttct	tcttcagctc	attttgtctc	tctcacatta	agggagtagg	aattaagtga	540
aagggtcacac	taccattatt	tccccttcaa	acaaataata	tttttacaga	agcaggagca	600
aaatatggcc	tttcttctaa	gagatataat	gttcactaat	gtggttattt	tatattaagc	660
ctacaacatt	tttcagtttg	caaatagaac	taatactggg	gaaaattttac	ctaaaacctt	720
ggttatcaaa	tacatctcca	gtacattccg	ttcttttttt	tttttttttt	tttttttgag	780
acggagtctc	gctctgtcgc	ccaggctgga	gtgcagtgcc	gggatctcgg	ctcactgcaa	840
gctccgcctc	ccgggttcac	gccattctcc	tgctcagcc	tcccaagtag	ctgggactac	900
aggcgcccgc	cactacgccc	ggctaatttt	ttgtattttt	agtagagacg	gggtttcacc	960
gtgttagcca	ggatggtctc	gatctcctga	cctcgtgatc	cgcccgctc	ggcctcccaa	1020
agtgtgggga	ttacaggcgt	gagccaccgc	gcccggccta	tacgcttttt	tctgttaaaa	1080
aatatttttta	agttttttaa	cttttggttaa	aaattgagac	agaagcaaac	acattactta	1140
ctaggcctac	acagagccag	gattatcagt	atcaatccct	tccgcctcca	catcatgtcc	1200
cactggaagg	tcttcggggc	agtaacggac	atggagctgt	tatctcctaa	catgccttct	1260
tctggaatac	ctcctgaaag	acctgcctga	ggctatttaa	cagttaactt	tttttttata	1320
tgtaagtagg	agtactctaa	aataacaata	taaaatgtag	tacaataaaa	taaataagcc	1380
agtaacgtag	ttgtttatta	tcaagtatgt	actgtacata	attgtatatg	ctagactttt	1440
atacagctgg	cagcacagta	ggttttattta	taccagcacc	tccacaaaac	tgtgagtaat	1500

gctttgcaact	tgaccttctg	tcagctatga	catccctagg	ttgcaggatt	tttcagcttc	1560
attataaatct	tatgggacca	tcttcatatg	tgagtggctt	cttgacccaa	acattgttat	1620
gtagcacatg	actgtaaatt	ttggaatcac	cttgtcagta	tttacaaaat	agctttctga	1680
gatttagtgg	cgcgatctcg	gctcactgca	agctccgcct	cccaggttca	cgccattctc	1740
ctgcctcagc	ctcccagagta	gctgggacta	caggcgcccg	ctaccacgcc	cggtctaattt	1800
tttgtatttt	tagtagagac	ggggtttcac	cgtgttagcc	aggatggtct	cgatctcctg	1860
acctcgtgat	ccgcccgcct	cggcctccca	aagtgcctgg	attacaggcg	tgagccaccg	1920
cgcccggcca	aaattgccta	aattttttaa	atcctaaatt	ggtgttgaat	tttgtcaaat	1980
gctttcctgc	attgattttg	atgatcactt	gatttttctc	cattcttttg	ttaatgtgct	2040
aaattatggt	gcttaatttt	tgaatgaaaa	aataatctta	cattcctgaa	ataatttcgg	2100
tttggttgtg	atgttttatt	cattctatatt	cgtgctgaat	tcagtttgct	aatattttgt	2160
ttaggaattt	tgcatctatg	ttcatgagac	agatcggcct	gtaattttac	ttttttgtaa	2220
tgctcctgtc	aggttttaggc	ctcaaagtta	tgttgacttt	ataaaatgaa	ctgtgaagta	2280
tttctctctt	tttatgcttt	agtttgagta	agattgattt	ttttttaaac	ttatgtcgtc	2340
cttaaatatt	tattagaatt	cactagggaa	gttatcttgg	cctgttactt	tctttcttga	2400
gtaaattttg	ttttcattct	ttttttatag	ttaagtatat	tgagttagaa	tgcatacaca	2460
aacaaatgca	cacaacttaa	agtccagttc	tatgaatttt	gactaatgta	taaacctgtt	2520
taacttccac	tgtaagcaaa	atatagtgaa	ttttcgtcaa	ctaaaaagtc	cccttgtagc	2580
catttacctt	cagtacctat	ccctacccca	gccacaggca	acaaatgatt	ttcatgtgct	2640
tatttgccat	ctgtatacct	ctttggttag	ttttctgttt	atatcttttg	cccattttatt	2700
tttttaattt	ttagaaacag	agtcttacta	tgttgcccag	gatagactca	aactcccgga	2760
ctcaaaggac	ccttccctct	cggcctccca	aagtgcctgg	attacaggca	cacactacta	2820
ctcttggttt	gcctattttt	aaatcaggtt	gtttgttttc	ttattattgt	gttctctaca	2880
ctgtaggata	ttctaccttt	cctagaattt	catgtaaaatg	gactcagaca	tactgttgtg	2940
tctggcctct	tttggttcagt	gtaatgtttt	tgagcttcat	ccttgcatgt	tatgtgtatc	3000
agtgattgat	tcaattttta	ttgctgcata	gtattggatt	gtatagctat	accacaattt	3060
gtttattcat	tctcctgttg	atggaatatt	ggttgtttcc	agtatttagc	tattattatt	3120
attatttttt	ttttttgaga	cggagtctcg	ctctgtcggc	caggccggac	tgccgactgc	3180
agtggcgcaa	tctcggctca	ctgcaagctc	tgcttcccgg	gttcacgcca	ttctcctgcc	3240
tcagcctccc	gagtagctgg	gactacaggc	gcccggccacc	gcgcccggct	aatttttttg	3300
tatttttagt	agagacgggg	tttcaccttg	ttagccagga	tggctctgat	ctcctgacct	3360
catgatccac	ccgcctcggc	ctcccaaagt	gctgggatta	caggcgtgag	ccaccacgcc	3420
cggctgcaaa	taatctttct	ttttttctga	gacagagtct	cgctctgttg	cccaggctgg	3480
agtgcagtgg	cacgatctcg	gctcacggca	cgctccgcct	cccgggttca	cgccattctc	3540
ctgcctcagc	ttcccagagta	gctgggacta	caggggcccc	ccaccacgcc	cggtcaactt	3600
cttgtgtttt	tagtagagac	ggggtttcac	cgtgttagcc	aggatggtct	cgatctcctg	3660
accttgatgt	ctgcccgcct	cggcctccca	aagtgcctgg	attacaggcg	tgagccaccg	3720
cgcccggcca	gggatgtcat	tttttataac	tagccataaa	ctttagcttt	gaagtaaaac	3780
tatttctagc	aagtgattct	tacctgatat	tttttggtgt	tcttgcccat	attttaattg	3840
ggttggtgta	ttatggttct	ctatgtattc	tagatttaag	tttttgata	tgggtgtgag	3900
caagtgtcaa	gtttaatttt	ttttctacaa	acatcctggt	gttccagtag	cttttgatga	3960
taagactgtc	ttttcccca	ttgaattatc	tttaacgcct	catgaaaagc	aattggccat	4020
atgtatgtgg	atctactttt	ggactctcaa	ttctgttcca	gtgatttata	tgtccaccct	4080
tatgtcaata	ccacattatt	ttgattattg	ctgctttata	gtaagtgaca	tcattgttgc	4140
tgaaatcacg	ttttccacct	ttattcttct	gttgatgggt	gctttggcaa	ttaggggtcc	4200
tttgcatttt	cgtagacatt	ttagaatcaa	cttatctatt	gctactaaaa	atgcttgatt	4260
gggattgtgg	taaatctaga	aactaattta	ggaagaatgg	tcatattaac	agtttcaagt	4320
ttcagatcca	tgagcatatt	ttcactctcc	attaggtctt	ttaaaattta	tcctagcagt	4380
gttttatggt	ttttactgta	gaggtcttac	acattttggt	acattttgtg	ctatgtgttt	4440
gacctttttt	gatactagt	taaatggaaa	tttttctttt	tatgttctag	ttgttcatta	4500
ttacactaaa	tcattctttg	gtgactacta	aacattctat	tgaataattg	tgaatggcgt	4560
gaacccggga	ggcggagctt	gcagtgaacc	gagatcccgc	cactgcactc	cagcctgggc	4620
gacagagcga	gactccgtct	caaaaaaaaa	a			4651

<210> 7466  
 <211> 1598  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (340)...(513)  
 <223> similar to gi4929491 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7466  
 gcacgagga gtgccagtag agatgaaagc accccaatcc gtctcctcca gttcttttagg 60  
 tttaatcaca tctctccaat cgccgagga actggagatt taaacaaaca tacgtgaact 120  
 ggtgtgaagc tgtaaaagg accattatgt ttccgattca gaatatatat tcttctctca 180  
 ctttctaaga attaaacaca agcttttctc ccttattgat tagttgctga agtaaaaggaa 240  
 ccctgcagcc ttcccatgct atctgttgac atggaaaaca aggaaaatgg ctctgtcggg 300  
 gtaaaaaatt ccatggaaaa tgggagacca cctgatcctg cagactgggc cgtgatggat 360  
 gtcgtcaatt atttccgaac cgtgggattt gaggagcaag ctagtgcttt tcaggaacag 420  
 gaaattgatg gaaaatccct gctattgatg acaagaaatg atgtgttgac aggacttcag 480  
 ttaaaattgg ggcctgctct gaaaatctac gaatatcatg taaaacctct gcagacaaaag 540  
 catttaaga acaactcttc atagtacagt caaattgggg tcttcgacct caaaaaata 600  
 cataatgaca taatttagtt tcatgtaatg aaactttgta aacagaatac atacatgtgt 660  
 atatgtaaag aatttcaatc aaatgaaacg ttatcctatt ggatagacta ggcaattcat 720  
 cagctcacct gaaatcagcc aggaggagca aggacaagat gcgcacaggg tggttttcct 780  
 catggatttt gtcaaataga tgatctttga cagattaga cactcctccc cacaaggct 840  
 ttgaaatcat aaggattttc ctcatctctt tatagctttc ccaaaatctt ttaaaaaaga 900  
 atttaattaa atgacagtct tttggttaca gacttaggat gagtaaaac aagaaaattt 960  
 ggggaggggg agaaagaaga aagggttgc tgtctccctt gaattcctct gttccttaga 1020  
 gcttggtgta cttggacgga attgccaaca ccctttttta tagagggttc tccacttgac 1080  
 cttattaagg ttttattggg atatgctgca gtgtttgaaa tgaacatgca tcatggcccc 1140  
 ttcaggagca gaatcatagc tctgaaaaga gaagctccgt tgtgtactga ggatatccat 1200  
 ccatattcag ctagctttca aatggggtta tgatattttc tgcataagatt ttcttttaaa 1260  
 ttggttcttt gtttctgaag aaagaatttt ttttaacttc atggttttat ttataataat 1320  
 ttgtttctga agaaatttgc cgagagttac aggtcaaaaa gccttggtac tagtacagaa 1380  
 tatttttata tatattcctt catgatggtg taattttttt taattgtcct atgctttgtt 1440  
 cggttcctgg gttaagtact tgtttttaag agcttggaag aagtgggctt gctacatctc 1500  
 tgttcaaaga gacatttgtt caatctctgt gtgtcaacgc cttgttgaat tgggtgctttg 1560  
 tggttgcaat aaagcattgc ttcagtttaa aaaaaaaa 1598

<210> 7467  
 <211> 1121  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (177)...(944)  
 <223> similar to gi4468307 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7467
gaagtttatac aggaaaggag cttaaaagag aaccaaattc agcctgtgtt ggaactctca 60
gtcccagagg ggtgtggttt gtagctctcc ggccctgctgt tggacttagg ctgtgaccca 120
cagaaggacg ccagaaagta ctcaagacat tcacggtgcc ccggtcagca ctcgccatga 180
cgaagacttc tacatgcata taccacttcc ttgttctgag ctggtatact ttcctcaatt 240
attacatctc acaggaagga aaagacgagg tgaaacccaa aatcttggca aatggtgcaa 300
ggtggaaata tatgacgctg cttaaatctgc tcttgacagac ctttttctac ggggtcacct 360
gcctggatga tgtgctgaaa agaaccaaag ggggaaaaga cattaagttc ctaactgcct 420
tcagagacct gcttttcacc actctggctt ttctgtatc cacgtttgta tttttggcat 480
tctggatcct ctttctctac aatcgagatc tcattttacc caaggtccta gatactgtca 540
tccccgtgtg gctgaatcat gcaatgcaca ctttcatatt ccccatcaca ttggctgaag 600
tcgtcctcag gcctcactcc tatccatcaa agaagacagg actcaccttg ctggctgctg 660
ccagcattgc ttacatcagc cggatcctat ggctctactt tgagacgggt acctgggtgt 720
atcctgtgtt tgccaaactc agcctcttgg gtctagcagc tttcttctct ctcagctacg 780
tcttcatcgc cagcatctac ctacttggag agaagctcaa ccactggaaa tgggtttctg 840
ttcagatctt gcaaagatgg aggctagaat ctggttgaat ctgcttccag tggcccgtatt 900
ggaagtcacc agccaagcac caactggtca agaatatcag gtgaaatatac agggctataa 960
aaatatttct agcccttgct actatctgac agcagttaaa ggaataaaac aagtcgggggt 1020
gaatctaact tcctatctgc caactaggat actttctact gggaaaaatg cttctcaatc 1080
aagaaaaatat ttataataaa cataattttc caattacaaa a 1121

```

<210> 7468

<211> 2329

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (121)...(1139)

<223> similar to gi4929641 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7468
ggagccgggg cagtgcgggt ctgggctggc cgaaggggtg gcgctgcgat cccgcagggc 60
agcgacgcga ctctggtgcg ggccgtcttc tccccccga gctgggctgt cgcggccgca 120
atgaactggg agctgctgct gtggctgctg gtgctgtgcg cgctgctcct gctcttgggtg 180
cagctgctgc gcttctgag ggctgacggc gacctgacgc tactatgggc cgagtggcag 240
ggacgacgcc cagaatggga gctgactgat atggtggtgt gggtgactgg agcctcgagt 300
ggaattggtg aggagctggc ttaccagttg tctaaactag gagtttctct tgtgctgtca 360
gccagaagag tgcattgagct ggaaagggtg aaaagaagat gcctagagaa tggcaattta 420
aaagaaaaag atatacttgt tttgccccct gacctgaccg acactgggtc ccatgaagcg 480
gctaccaaag ctgttctcca ggagtttggg agaatcgaca ttctgggtcaa caatggtgga 540
atgtcccagc gttctctgtg catggatacc agcttggatg tctacagaaa gctaataagag 600
cttaactact tagggacggt gtccttgaca aaatgtgttc tgctcacat gatcgagagg 660
aagcaaggaa agattgttac tgtgaatagc atcctgggta tcatatctgt acctctttcc 720

```

```

attggatact gtgctagcaa gcatgctctc cgggggttttt ttaatggcct tcgaacagaa 780
cttgccacat acccaggtat aatagtttct aacatttgcc caggacctgt gcaatcaaat 840
attgtggaga attccctagc tggagaagtc acaaagacta taggcaataa tggagaccag 900
tcccacaaga tgacaaccag tcgttggtgt cggctgatgt taatcagcat ggccaatgat 960
ttgaaagaag tttggatctc agaacaacct ttcttgtag taacatattt gtggcaatac 1020
atgccaacct gggcctggtg gataaccaac aagatgggga agaaaaggat tgagaacttt 1080
aagagtgggt tggatgcaga ctcttcttat tttaaaatct ttaagacaaa acatgactga 1140
aaagagcacc tgtacttttc aagccactgg agggagaaat ggaaaacatg aaaacagcaa 1200
tcttcttatg ctcttgaata atcaaagact aatttgtag tttacttttt aatagatatg 1260
actttgcttc caacatggaa tgaaataaaa aataaataat aaaagattgc catgaatctt 1320
gcaaaaaagg tattaactca tactatatct ttggataaaa taacctttta aaatacttta 1380
gcacatatgc ttaaaatcta agttaacaga tttgtcttag tccatttggt ttgctataac 1440
aaaataccac agatttggtg atttataaac aacagaaatc tgtttttcct ggctcttgag 1500
gctgggaatt ccaagaccaa tgcaccagca gaattagtg ctggtgaagg ctgatctctg 1560
cttccaagat ggcacctcat tgcctgcatc tccacagtgg aggaatgtat gtcctcacat 1620
ggtggaaggg acagaaggga aagaggagca aaatgctttc aaaagagcat ttaatctcat 1680
tcattactca gtcacctctt aaaggccac atccctttaa tactgttgcc tttggggatt 1740
aagtttcgac atgaattttg gaggggacaa aaacatccaa accatagcaa cataaatgta 1800
tagaatattt cacacaaagc agagtgcctg ggtaatgacc agatataaag aagtatttga 1860
aatgacctta cctccaagat gcttatactc ttagaaaagt tgacaggtag agatggctgt 1920
aatttgaagc agcaggtagg attcattgca cctattattc attaaacacc tgttgtagtg 1980
cttctactgt actggagtgc ttagtattag ttaattaact cattcctcat aacagcccac 2040
taagatagat ggtattacct accttgatag atgaagaaag accaacaagg ttttactttt 2100
ccaaggtcaa ggtcacaaag ctagtaaggg gtaaagccat gattagattc agctcaggaa 2160
gattccactg gcaactcctt acttctacta ttattaattt tactttaaca tttaacacct 2220
tacagcagaa aacatgcaca ggcactaata ggaaatcagc aggagtaaca ggtaaagaaa 2280
aacatgggtc ttatctacaa gcagttcaca attgagctgg agccaaagg 2329

```

```

<210> 7469
<211> 1004
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (363)...(485)
<223> similar to gil333846 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7469
gcacgagaag gaagtgcttt tgaatgaggt actgagggcc aaggtggttg aagttcctaa 60
ttctttcctc ggttaactgt gaaactctgc gtattgggaa ggcctggcct cagtcctcag 120
gccaggagag gtactggacg ccgcgcacgc actcgtctgc cagcgaggcc caaaggggaa 180
gcttagcgga gctcaatgtg gcagctgctg gcctctgggc cgactgtgat caaccactct 240
atgattgtcc tatgtgtggg ctcatatgta caaattacca tattcttcag gaacatggtg 300
acttgcattt ggaagaaaac agctttcagc aaggcatgga tagagtccag tgttctggtg 360
atctacaatt ggctcaccag cttcagcaag aagaagacag aaagaggaga tctgaagaat 420
caagacaaga aatagaagaa tticagaagc tgcagagaca atatggttta gataattctg 480
gaggatacaa acaacaacaa ctacgaaata tggagataga agtaaataag ggaagaatgc 540
ctccatctga atttcatagg agaaaagctg atatgatgga atcattagct cttgggtttg 600

```

acgatggaaa	aacaaaaaact	tccggaatta	ttgaagcact	tcataggtat	tatcagaatg	660
ctgccacaga	tgtgagacgg	gtgtggcttt	cttcagtgg	ggatcacttt	cattcatctt	720
taggcgacaa	agggtgggg	tgtggttaca	gaaatttcca	aatgctactt	tcatcattat	780
tacaaaatga	tgcttacaac	gattgcttaa	aaggatgtt	gattccttgc	attccaaaaa	840
ttcaatctat	gattgaagat	gcatggaagg	aaggttttga	tcctcagggg	gcctctcaac	900
ttattatcag	gttacaggga	acaaaggcct	ggattggagc	atgtgaagta	tatatactcc	960
tgacctctct	aagggtttag	tgatcatatt	gttgattttc	actg		1004

<210> 7470  
 <211> 1112  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (79)...(423)  
 <223> similar to gi471243 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7470						
caatcttgc	tctccaate	tccgtctctc	caccagttc	aggaaccgc	gaccgctgc	60
agcgtctct	tgaccactat	gagcctcctg	tccagccgcg	cggcccggtg	ccccggtcct	120
tcgagctcct	tgtgcgcgct	gttggtgctg	ctgctgctgc	tgacgcagcc	agggcccatc	180
gccagcgctg	gtcctgcccgc	tgctgtgttg	agagagctgc	gttgcgtttg	tttacagacc	240
acgcaggag	ttcatcccaa	aatgatcagt	aatctgcaag	tgttcgccat	aggcccacag	300
tgctccaagg	tggaagtgg	agcctccctg	aagaacggga	aggaaatttg	tcttgatcca	360
gaagcccctt	ttctaaagaa	agtcatccag	aaaatttttg	acgggggaaa	caaggaaaac	420
tgattaagag	aaatgagcac	gcatggaaaa	gtttcccagt	ctacagcaga	gaagttttct	480
ggaggtctct	gaaccaggg	aagacaagaa	ggaaagattt	tggtgtgtgt	tgtttatttg	540
gtttccccag	tagttagctt	tcttccctgg	attcctcact	ttgaagagt	tgaggaaaac	600
ctatgtttgc	cgcttaagct	ttcagctcag	ctaatgaagt	gttttagcata	gtacctctgc	660
tatttgctgt	tattttatct	gctatgctat	tgaagttttg	gcaattgact	atagtgtgag	720
ccaggaatca	ctggctgtta	atctttcaaa	gtgtcttgaa	ttgtaggtga	ctattatatt	780
tccaagaaat	attccttaag	atattaactg	agaaggctgt	ggatttaatg	tggaaatgat	840
gtttcataag	aattctgttg	atggaaatac	actgttatct	tcacttttat	aagaaatagg	900
aaatatttta	atgtttcttg	gggaatgtgt	tagagaattc	cttactcttg	attgtgggat	960
actatttaat	tatttcactt	tagaaagctg	agtgtttcac	accttatcta	tgtagaatat	1020
atttccttat	tcagaatttc	taaaagttaa	agttctatga	gggctaatat	cttatcttcc	1080
tataatttta	gacattgctt	taacttttta	gt			1112

<210> 7471  
 <211> 1551  
 <212> DNA  
 <213> Homo sapiens

<220>

09400735.01240

<221> misc\_feature  
 <222> (561)...(900)  
 <223> similar to gi5881839 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7471  
 caaataacaa tatgattaac ttcataattta ttatttcaac gatctttttt ataaccgagt 60  
 ttaattttta aattaaattt ctaaaataga ttaccaatat taaaatacct taagatatatt 120  
 atcttttagca ataataggca atattaaagt tgtattaact tttaaattaa gtaagagtat 180  
 ttggtggatg ccttgggtct gaaagtcgat gaaggacgcg attacctgcg ataagcttcg 240  
 tggagttgga aataaactat gatacggaga tttccgaatg gggtaaccta actgagcaaaa 300  
 cctcagttgc attttgatga atccatagtc aaatttagcga gacacgttgc gaattgaaac 360  
 atcttagtag caacaggaaa aaaaaaaaaa taatgatttc gtcagtagcg gcgagcgaag 420  
 gagaaaagtg cccaagatcc tttcaggata tttggttttt tgggcgcgac acaaatcgag 480  
 gtgaggggaag agagaggaaa atccccctgaa tccctgcagg attaatattat tcaaaaagga 540  
 aataaaaaaat actcaatatg caaaagtctt gtgaagaaaa tgagggaaaa ccacagaaca 600  
 tgccaaaggc cgaggaagat cgcccttttg aggatgtacc acaggaggca gaaggaaatc 660  
 ctcaaccttc cgaagaaggc gtaagccagg aagcagaagg aaaccccaga ggaggccga 720  
 atcagcctgg ccagggtatt aaagaggaca cccccgttag gcatttggac cctgaagaaa 780  
 tgataagagg agtagatgag cttgaaaggc ttagggaaga gataagaaga gtaagaaaca 840  
 agtttgtgat gatgcattgg aagcaaagac attcacgcag ccgtccttat cctgtgtgct 900  
 ttaggccttg aattcatttt tgcctaatat taaaatctgg cccagcttt ctttctgtta 960  
 gcattttctg atgtatcttt gacctcatt ttacttttaa tcatctgatg aaattttgtt 1020  
 ttaggtaatt tccttggtag cagcatctca ttggattttg gattttgacc cattttccag 1080  
 gtctattttt caattggaaa ctttcacaca tttgcatggg aatatgttca ttccatgttg 1140  
 taaagtaaaa cataacaggt tatggcaaag cagcatattt aatatcagct cacatatgta 1200  
 ggataaaatt ccaaactttg tgtgtgtgta catacatcca tataacatat 1260  
 atcacaaact taaccaagct tatttctgtg tgggtgtgaaa ttttatttgt tttcttcttt 1320  
 ttgttctttt tgcttatatg tactttttta tgaacacgtg tctcacacac aaaaagaatt 1380  
 aaggattttt tttacaagta agagtcaa attttgcaac cagcttatga gggcaatggg 1440  
 ggcacctaaa ctcttgatga aagaacttta aaaagaaatg taaacctcaa attacctctg 1500  
 gatctcttag ccagaggaat aaactggcaa ttattacaga taacaaaaaa a 1551

<210> 7472  
 <211> 1850  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (630)...(1649)  
 <223> similar to gi3136001 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7472  
 aaggatgagg aaaggatatc ccagagtgcc agggcgcgca aaccaaactt cacactctag 60  
 gaagacagag gccagaggaa ccaggagggc ttcttgaggg aggtggcatt tactctgggc 120

```

ctaagagatc acaggaaaat ggaggccagc attctaggcc tggggaagag tttgggcaaa 180
ggcttggcag taagagaata aaggtggggc ttgatgggcc agaggataag tgactcctca 240
aggtcacaaag acaccctgat ggctgggacc ccattctctga tggagcaagg cttctgatac 300
ccaactgagg cttggcgcca aggactgaca tcaaggaagt ggattcctgc aaacctggca 360
cccgaggggtc cacttcctca atttctgtgc agctgggagg tgaggtaaga ggaagtgtgg 420
gccacaggct aggccagag agcctggagg aggagcctct gccagactgg agagaagcag 480
gcctgagcct ccccaaaggc agctcctggg gactcccagg accacaggct gagacgagac 540
gcagggtggc tggaggaagt gagaggtgaa ctcagcctgg gactggctgg gcgagactct 600
ccacctgctc cctgggacca tcgcccacca tggctgtggc ccagcagctg cggggccgaga 660
gtgactttga acagcttccg gatgatgttg ccattctcggc caacattgct gacatcgagg 720
agaagagagg cttcaccagc cactttgttt tcgtcatcga ggtgaagaca aaaggaggat 780
ccaagtacct catctaccgc cgctaccgcc agttccatgc tttgcagagc aagctggagg 840
agcgcttcgg gccagacagc aagagcagtg ccctggcctg taccctgccc aactcccag 900
ccaaagtcta cgtgggtgtg aaacaggaga tcgccgagat gcgatacct gccctcaacg 960
cctacatgaa gagcctgctc agcctgcccg tctgggtgct gatggatgag gacgtccgga 1020
tcttctttta ccagtcgccc tatgactcag agcaggtgcc ccaggcactc cgccggctcc 1080
gcccgcgcac ccgaaaagtc aagagcgtgt ccccacaggg caacagcgtt gaccgcatgg 1140
cagctccgag agcagaggct ctatttgact tcaactgaaa cagcaaactg gagctgaatt 1200
tcaaagctgg agatgtgatc ttctctctca gtccgatcaa caaagactgg ctggagggca 1260
ctgtccgggg agccacgggc atcttccctc tctccttcgt gaagatcctc aaagacttcc 1320
ctgaggagga cgaccccacc aactggctgc gttgctacta ctacgaagac accatcagca 1380
ccatcaagga catcgcggtg gaggaagatc tcagcagcac tcccctattg aaagacctgc 1440
tggagctcac aaggcgggag ttccagagag aggacatagc tctgaattac cgggacgctg 1500
agggggatct ggttcggctg ctgtcggatg aggacgtagc gctcatgggtg cggcaggctc 1560
gtggcctccc ctcccagaag cgcctcttcc cctggaagct gcacatcacg cagaaggaca 1620
actacagggt ctacaacacg atgccatgag ctgacgggtg ccctggagca gtgaggggac 1680
accagcaaaa accttcagct ctcagaggag attgggacca ggaaaacctg ggaggatggg 1740
cagacttcct gtctttgagg ctaatggacc cgtggggctt gtaatctgtc tctttctact 1800
atttacatct gatttaaata aaccattcca tctgaaaggg aaaaaaaaaa 1850

```

<210> 7473

<211> 1944

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (205)...(670)

<223> similar to gi3879017 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7473

```

ccagtctggt ggaattcctg tgaggggccc cgtctcgag cagccgcccg gaccgggcat 60
ggtgttgggc gccgggccc cctcgctgt ctcggggagc ccagggtaaa ggcagcagta 120
atgctaacgc tagcaagtaa actgaagcgt gacgatggtc tcaaagggtc ccggacggca 180
gccacagcgt ccgactcgac tcggaggggt tctgtgagag acaaattgct tgtaaagag 240
gttgacagaa ttgaagctaa ttacettgt acatgtaaag tgcattttcc tgatccaaac 300
aagcttcatt gttttcagct aacagtaacc ccagatgagg gttactacca ggggtgaaaa 360
tttcagtttg aaactgaagt tcccgatgcg tacaacatgg tgctcccaa agtgaaatgc 420
ctgaccaaga tctggcacc caacatcaca gagacagggg aaatatgtct gagtttattg 480

```



```

agagaacatt caattgatgg cactggctgg gctcccacaa gaacattaaa ggatgtcggt 540
tggggattaa actctttgtt tactgatctt ttgaattttg atgatccact gaatattgaa 600
gctgcagaac atcatttgcg ggacaaggag gacttccgga ataaagtgga tgactacatc 660
aaacgttatg ccagatgata aaaggggacg attgcaggcc catggactgt gttacagttt 720
gtctctaaca tgaaacagca agaggtagcc ccctctcccg tcctcatgct ccctctcagt 780
cccctggatt gccccagtc tgtgaccatg ttgccctgaa gaagaccatc ttcattgactg 840
ctcattgtag atggagaatt caacataaat acagcaagaa aatgtgtttg ggcttctgaa 900
gagttgtctg cttaccttaa catgtttact tttttgaact tgtactgtat aggctgtttg 960
tgaaattctt aagaagttgt aatgaactca aaattgaggc cagagcttgc tttccctttt 1020
cccaaacaaa attggttttc tgcacaagcg atgctaata tgtgttcagt gtaactcgca 1080
gattggcaat aagatacccg ctacaaactg tgattggatg caaaatctct tagcttcttt 1140
cacgaatgtt ggccctgcct agatgttgtg aagcctccca gaatgcatag agtcattcac 1200
tgtagatctc ttattgaaat gcgtatttta ttttaatgtaa gtatattttg gaacagattt 1260
gtaattttga caattcaatg ctttaattat tttttctatt ctcatttagt ttgtattttc 1320
attgtataga gcagacagaa agatgttggg tcaagcaact attgaagaga aatacaaaaga 1380
aaatatgaaa ggcacattat tcattttgtc caaatgcaat gagaatctca ctcttaaaaa 1440
tcagctcttg ctttcgggtc cggatgttgt gagcacattt tggagccctt tgaagctaga 1500
tttggatgat caaaacaaaa aggcaggagag cccattctaa catgctgccc agaggaaact 1560
ggctggagcc tggaccagct ggggctgatg cttttgcagt ggtcatgtga ttgtgacctg 1620
gtagctactt atcagagagc ccagaccctg ctgtcctggg agacaggagc gatgcctcag 1680
gaatcagccc aatgtctgat gtcactgaga ctgtacctgt ggccattctt ctgagtttgc 1740
tatggctcca aggccctgcc ggctggggtg aagcctccta aggcccttgg aaggaccaag 1800
gagtcaacag tggcatatgc catcctccgg ccagggttaat atactgcaga ggaaaagccc 1860
tgaagagagg caagtggatt tactccagca tgtagacatt tgaaccagtg aaatcaaaca 1920
caaaataaat gtctgtctag tttc 1944

```

<210> 7474

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (119)...(305)

<223> similar to gi386865 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7474

```

ttaaatagga ctactaagg ggaaattttg cccctcgagg cccaaaaatt cggcacgaga 60
actgcctgac tgcttgttcg tctcactggg gtgagctcca gcatccctt tgctcgaaat 120
ggaccccaac tgctcttgcg cactgggtgg ctctgcacg tgcgccggct cctgcaagtg 180
caaagagtgc aaatgcacct cctgcaagaa gagctgctgt tectgctgcc ccgtgggctg 240
tgccaagtgt gccagggtgc gcgtctgcaa aggggcatcg gagaagtgca gctgctgtgc 300
ctgatgtggg aacagctctt ctcccagatg taaatagaac aacctgcaca acctggattt 360
ttttaaaaaa acaacactga gccatttgcg gcatttcttt ttatactaaa tatgtgactg 420
acaataaaaa caattttgac tttaaaaaaa aaa 453

```

```

<210> 7475
<211> 1610
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (349)...(630)
<223> similar to gi4689116 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7475
tttcgtggtg cgcctgcagg gatcgggaagc cggttgggggt gtgagagggt ttctcgctct 60
aggtaagcga aacaagccgg gggactgcga gccagggact cgggccgcgg ggcgggaaga 120
agtggggcag cgcttgccca ggccgaaagg actttggggg tgggggctgg gagtccgtgt 180
ctcgaatgag ggaggagagg tggagttgcc ggggctcagg cccggcctcg agcatgggcg 240
gatgagagga gtcgggagcc gaggcctatg gtccttcggg tgaggggaga cggagccagc 300
gaggagatgg agcacaagct tgtggaggag attcttcaag caatcactat gtcaacagac 360
acaggtgttt cccttccttc atatgaggaa gatcagggat caaaactcat tcgaaaagct 420
aaagaggcac cattcgtacc cgttggaata gcgggttttg cagcaattgt tgcataatgga 480
ttatataaac tgaagagcag gggaaatact aaaatgtcca ttcatctgat ccacatgcgt 540
gtggcagccc aaggctttgt tgtaggagca atgactgttg gtatgggcta ttccatgtat 600
cgggaattct gggcaaaacc taagccttag aagaagagat gctgtcttgg tcttggtgga 660
ggagcttgct ttagttagat gtcttattat taaagttacc tattattgtt ggaaataaac 720
taatttgat gggttttagat ggtaacatgg cattttgaat attggcttcc tttcttgag 780
gcttgatttg cttggtgacc gaattactag tgactagtgt actaactagg tcattcaagg 840
aagtcaagtt aacttaaaca tgtcacctaa atgcacttga tgggtgtgaa atgtccacct 900
tcttaaattt ttaagatgaa cttagtctta aagaagataa caggccaatc ctgaagggtac 960
tccctgtttg ctgcagaatg tcagatattt tggatgttgc ataagagtcc tatttgcccc 1020
agttaattca acttttgtct gcctgttttg tggactggct ggctctgtta gaactctgtc 1080
caaaaagtgc atggaatata acttgtaaag cttcccacaa ttgacaatat atatgcatgt 1140
gtttaaacca aatccagaaa gcttaaacaa tagagctgca taatagtatt tattaagaa 1200
tcacaactgt aaacatgaga ataacttaag gattctagtt tagttttttg taattgcaa 1260
ttatattttt gctgctgata tattagaata atttttaaat gtcactctga aatagaaata 1320
tgtattttta gcactcacgc aaaggtaaat gaacacgttt taaatgtgtg tgttgcta 1380
tttttccata agaattgtaa acattgaact gaacaaatta cctataatgg atttggttaa 1440
tgacttatga gcaagctggt ttggccagac agtataccca aacttttata taatatacag 1500
aaggctatca cacttgtgaa attctcttgt ctaatctgaa tttgcattcc atggtgttaa 1560
catggtatat gtattgttat taaagtaagt gacctatgtc aaaaaaaaaa 1610

```

```

<210> 7476
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (66)...(252)
<223> similar to gi386864 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 7476  
ggcacgaggc gccttatagc ctctcaactt cttgcttggg atctccaacc tcaccgcggc 60  
tcgaaatgga ccccaactgc tcttgcgcca ctggtggctc ctgcacctgc actggctcct 120  
gcaaattgcaa agagtgc aaa tgcaactcct gcaagaagag ctgctgctcc tgctgccccca 180  
tgagctgtgc caagtgtgcc cagggctgca tctgcaaagg ggcatacaaag aagtgcagct 240  
gctgtgcctg atgtccggac agccctgctc gaagatatag aaagagtgc ctgcacaaac 300  
ttggaatttt ttttccatac aaccctgacc catttactgt atttttttta atgaaatatg 360  
tgaatgataa taaaagttgc tgacttaaaa 390

<210> 7477  
<211> 1124  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (976)...(194)  
<223> similar to gil237213 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7477  
tttttttttt ttatgggaat aaatacttgt taaacttctc ttataaatat gcattaaaaac 60  
gtccgataac acaagccaag ggctgtaaaa ttaagggtta atcaagactg aatttcccgc 120  
acggaccagc aggaaagcca gttacctaaa agagccta atcccaaatcc gctgaagggtg 180  
cagggcggcc tcagtcccgg ggcattcttga actggctcct ctccctgcgc acggcccgc 240  
tggtggtcac cgggtccgct tcacctgcgt gctgctgcac cgtcttctcc ctcaacttca 300  
tgaaggggtt gtaggtaaac tcctctgcca ggggtggatg cactgtgggc tccccgatgc 360  
tgtacttctc cttggcccag gccagcttct cccggatggc ggcattgccg ggctccacgt 420  
ggcgtgcaaa cttgaggttg ttgatgggtg actcgtggcc acagtagact cttgtgtccg 480  
gggggagccg gcccaagacc tccagcagag ctttacacat ctcattccgc gtcccttcat 540  
agaacttccc gcagccagcc acaacaagg tgtcacctgt gaacacggca gggggctccg 600  
agcctccggg cttgctcacg aagtaacaaa tgtgtcctga agtgtggcac ggggtcgcca 660  
ggcacttgac gttcagagac cccacctgca gtgtggacag gtgagtgatc ttgtgagtca 720  
gggccccgat acggtcgtca cccccgtaca ccttcagtcc cgactccagc ttgaccagtt 780  
tctcattccc gccagcatgg tcccagtggt ggtgggtggg gagcactgtg gtcagtttca 840  
ccccgtgctt tctcgccgcg tccacgacct tctggggctg caccggatcc acaatggcag 900  
cctccttggg ctcattcatc atgaccaggt acatgtagtt gtcggtcagg gcaggcagca 960  
cctctacctt catggtgccc tcgtccacgg tcaggttctt ccgcaaatct gtgtggcaga 1020  
aaactcccag cagggctgga cctagcgtt tccgcacccg cggcccaacg cccgctcagc 1080  
gcttgccgcg cctccgctcg agcccggacg aaatcgtcga cccg 1124

00408725 042400

<210> 7478  
 <211> 3073  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (17)...(2844)  
 <223> similar to gil019103 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

00403025 "010100

```

<400> 7478
tgtcgtggga aatgtagtca ctgtcccgga acctggggca gcggagtccc gtgcgccctg      60
tgggtgacagc tcaggagggt gtgtgcgctc agcaggggcc agcatggacc agtctgtggc      120
aatccaggag agcgtggctg aggggggaata ctgcgtcatc gcggtgcaag gtgtgctgtg      180
tgaggggggac agccggcaga gccgcctcct gggactcgtg cgctaccgcc tggagcatgg      240
cggccaggaa cacgctctct tcctctatac gcaccggagg atggccatta ccggggacga      300
tgtctctctg gaccagatag tgccagtctc gcgggatttt acgctggaag aagtgtcccc      360
agatggtgaa ctctacatcc ttggctcaga tgtgaccgtc cagctggaca cagcagagct      420
tagcctcgta ttccaactgc cctttggttc acaaaccagg atgttcctcc acgaagtgtc      480
cagggcctgt ccaggcttcg attctgcgac ccgggatcct gaattcctgt ggctgtctcg      540
gtataggtgc gcagagctgg agctggagat gccaacgcgc cgcggttgta actcggccct      600
agttacctgg ccagggtacg cgacaattgg cggaggtggg tctaactttg atggtttgag      660
accaaattggg aagggagtgc ctatggacca aagctccagg ggtcaagata aaccagaaag      720
cttgcaacca agacagaata aatccaagtc cgaaattact gacatgggtc gtcctccac      780
tatcacagtg tcggacaagg ctcatatttt atccatgcag aagtttggaac tgcgagatac      840
aattgtgaaa tcacatctac tacagaaaga agaggattac acctatatcc agaacttcag      900
gtttttttgcg ggaacataca atgtaaatgg gcagtccccc aaagaatgcc tccggctgtg      960
gctgagcaat ggtatccagg cccagatgtt ctattgtgta gggttccagg agcttgcctt      1020
gagtaaggaa gcttttttct ttcacgatac cccaaaggag gaagagtggg tcaaagctgt      1080
gtcagagggt cttcatccag atgccaaata tgcaaagggt aagcttatcc gactggttgg      1140
gattatgctg ctgttatatg tcaaacagga gcatgcagct tatactctcag aagtggaggc      1200
cgagactgtg gggacaggaa tcatggggag gatgggcaac aagggaggcg tggcgatcag      1260
gttccagttc cacaacacca gcactctgct tgtgaattct cacttggcag cccacattga      1320
agagtatgag aggaggaacc aggactataa ggacatttgt tctcgaatgc agttttgtca      1380
gcctgaccac agccttcccc ctctcaccat cagcaaccat gatgtgatct tgtggctggg      1440
ggacctcaac tacaggatag aagagctgga tgtggaaaaa gtgaaaaagc tcacgaaga      1500
gaaggatttt caaatgctgt atgcatatga tcagctgaaa attcaggtgg ccgcaaagac      1560
tgtctttgaa ggcttcacag agggtgagct cacattccag cctacttaca agtatgatac      1620
gggctctgac gactgggata ccagtggaga gtgccgtgct cctgcctggt gtgatcggat      1680
tctctggaaa gggaagaaca tcaactagct gagttaccag agccacatgg ccctgaagac      1740
cagtgaccac aagcctgtca gctcagtgtt tgacatcggt gtgagggtcg taaatgacga      1800
gctttaccgg aagacactgg aggaaattgt tcgctccctg gataagatgg aaaatgccaa      1860
cattccttct gtgtccctgt ccaagcgaga gttctgtttt cagaatgtga agtacatgca      1920
attgaaagta gaatccttta caattcataa tggacaagta ccctgtcatt ttgaattcat      1980
caacaagcct gatgaagagt cttactgtaa gcagtggctg aatgccaaac ccagcagagg      2040
cttctcctg ccagattctg atgttgagat tgacttggag ctcttcgtaa ataagatgac      2100
agctacaaag ctcaactcgg gtgaagacaa aattgaggac attctggttc tgcacttggg      2160
caggggaaag gattactttt tgtctgtgtc tgggaactac ctgcccagct gttttgggtc      2220
tccattcat acactgtgtt acatgagaga gccaatcttg gacctaccac ttgaaacctc      2280
tagtgagctg actctgatgc cagtatggac tggagatgat gggagccagt tggatagccc      2340
catggaaatc cccaaagagc tctggatgat ggttgattac ctgtaccgaa atgctgtcca      2400
gcaggaagat ctgtttcagc aaccaggcct gaggtcagaa tttgaacata tcagggactg      2460
cttgatact ggaatgattg ataacctctc tgccagcaat cattctgtag ccgaagccct      2520
  
```

```

gctgcttttc ctggagagcc ttccagagcc tgtcatctgt tacagcacct accataactg 2580
cttgagtggt tctggcaact acacagcaag caaacaggtc atttctactc tccccatatt 2640
ccacaaaaat gtcttccact acttgatggc gtttttgcca gaactgctga aaaattcagc 2700
aaaaaatcat ttggatgaga atattctagc tagcatattt ggcagcttat tgcttcgaaa 2760
cccagctggg caccaaaagc ttgatatgac agagaagaag aaggctcaag aatttattca 2820
ccagttcctc tgcaaccacac tctgagcctc tctctcctcc tattttactt gaggctgcc 2880
attaccagcc ccacctgttt cagctcaaga gatgccttaa gataattatg tgaggccact 2940
tggtagcaag aatggcagct atttctgag cctagtaccc caattaagcc caccattggg 3000
tagcacactc agcgtgtga gtcgtgaaga cacgggagaa aatccaccat aataaaactg 3060
acattcaatt ttc 3073

```

<210> 7479

<211> 2594

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1190)...(2425)

<223> similar to gi4263748 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7479

```

cgcgccagcc gcgaatcgga tctctatgga gatggcctag gcgatatccc tgagctgaga 60
gcatcaccct gtccccgaat ccttctttcc tctctgtttt gtttttcatt cccctccctc 120
tctccccctc cctccagtc caccagcact ggctgttgac cctgttcagg cctcggtgaa 180
ggcttttggg tactccccct cccaccccat cccttaattt tattcttttg aagagtgcac 240
ttcaagctgc caagggtggag agagggatta cagaaaggag aacaccttat ttcagaaaag 300
gtgtaccata cctgagagca ccaggaagtc gcatgagaga tcacctgata catgaacgta 360
tgatgttcca tctgcgcatt gatgaatagg cagcatttac aaattaactg atgtgttgct 420
gtatatcatc tctttgatga ttgctcctct tctttgtatc ctgtcttata atttcaacac 480
atttgcgata ctcaatgtct attctaaatt aaccatgttt tgtaccacaa actcattgcc 540
catggatctg ttgctgaaac aaggaagtct taaacaagaa gtggaatctt tctgttatca 600
gattgtgtct gaatcaaatg atcagaaggc tggaatatta caaagtgaag ataagcagtt 660
gcaaccttca gtttctaaaa aatcagaagg tgagctttcc aggggtcaaat ttatatccaa 720
ttccaacaaa ataacattta gtaaaaaacc aaaaagaaga aaatatgatg aaagttattt 780
gtcttttggg tttacttact tcggaaatag agatgcacct catgctcagt gtgtattatg 840
taagaaaatt ttatcaaata gctcttttag ccctagtaag cttcgaagac atttgaaac 900
taaacatgct gcatataaag acaaagacat aagctttttc aagcaacatc tcgattcacc 960
tgaaaataat aaacccccaa cacctaaaat tgtgaataca gataatgaaa gtgctacaga 1020
agcatcatat aatgtaagtt accatatagc gctgagtggg gaggctcata ctattggaga 1080
attgcttatc aaacctgttg caaaagatgt agtgatgcgg atgtttgatg aacaatatag 1140
taaaaaaata gatgcagtac agctatcaaa cagtactgtt gcacgtcgaa ttaaggatct 1200
agctgctgac attgaagaag agcttgtttg tagactgaaa atttgcgatg ggttttcact 1260
gcaactagat gaatcagctg atgtttcagg acttgctgtg ctgcttgtgt ttgttcgtta 1320
taggtttaat aagtctattg aggaagacct actcctgtgt gaatctttgc aaagtaatgc 1380
taccggtgaa gaaatattca actgtatcaa cagttttatg cagaaacatg aaattgaatg 1440
ggaaaaatgt gttgatgttt gtagtgatgc ttctagggca gtggatggga aaattgccga 1500
agctgtcacc ttaataaaaat atgtggctcc cgaaagcacc agtagtcact gcctattata 1560
cagacatgca ctggcgagtt aaataatgcc tacatctcta aaaaatgtgc tagaccaggg 1620

```

```

agtacaaatc atcaattata ttaaagctcg accacatcaa tccagactat taaaaatfff 1680
atgtgaggaa atgggtgctc agcacacagc acttcttcta aatacagagg tgagggtggct 1740
ttctcgaggt aaagttcttg taagactfff tgaacttcgt cgtgaactff tggttttcat 1800
ggattctgct ttctgactat ctgattgttt aacaaattca tcttggtgct taagacttgc 1860
atatcttgca gatattttta ctaaattaaa tgaagttaat ttgtcaatgc aaggaaaaaa 1920
tgtgaccgtt ttacagtat ttgataaaat gtcgtcattg ttaagaaaat tgggaatfff 1980
ggcctcatct gtagaagaag aaaactttga ttgttttcct aactcagtg attttttgac 2040
tgaaattaat tctacagttg ataaagatat ttgcagtgcc attgtgcagc acctaaaggg 2100
tttgcgcgct actctgttaa aatactttcc tgtaacaaat gacaataatg cttgggttag 2160
aaatccatff acagttactg ttaaaccagc ttcattagta gcacgggact atgagagcct 2220
gattgattta acatctgatt ctcaagtga gcaaaatfff agtgaactff cactaaatga 2280
tttttgaggt agcctaattc aggaataccc aagcattgca aggcgtgcag tgcgtgtact 2340
tcttcctfff gctacaatgc acctgtgtga aacgggggtt tcatattacg ctgcaacaaa 2400
aacaaaaat aggaaaagac ttgatgctgc acctcatatg cgaatccgac ttagcaatat 2460
tacaccta attaagcgga tatgtgataa aaagacacaa aaacactgtt ctcatataaa 2520
ttggaggagt ttgcatgtct catgataacc aaatgtaaga tgaaaaataa agatgattta 2580
cttcaaaaaa aaaa 2594

```

```

<210> 7480
<211> 1938
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (82)...(1441)
<223> similar to gi5853321 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7480
agatagtaaa taatctcgga aaggcgagaa agaagctgtc tccatcttgt ctgtatccgc 60
tgctcttgtg acgttgtgga gatggggagc gtccctggggc tgtgtcccat ggcgagctgg 120
ataccatggt tgtgtggaag tgccccgtgt ttgctatgcc gatgctgtcc tagtggaac 180
aactccactg taactagatt gatctatgca cttttcttgc ttgttgaggt atgtgtagct 240
tgtgtaatgt tgataccagg aatggaagaa caactgaata agattcctgg attttgtgag 300
aatgagaaaag gtgttgctcc ttgtaacatt ttggttggct ataaagctgt atatcgtttg 360
tgctttgggt tggctatggt ctatcttctt ctctctttac taatgatcaa agtgaagagt 420
agcagtgatc cttagagctgc agtgcacaat ggattttggt tctttaaatt tgctgcagca 480
attgcaatta ttattggggc attcttcatt ccagaaggaa cttttacaac tgtgtgggtt 540
tatgtaggca tggcaggtgc cttttgtttc atcctcatac aactagtctt acttattgat 600
tttgcacatt catggaatga atcgtgggtt gaaaaaatgg aagaaggga ctcgagatgt 660
tggtatgcag ccttgttatc agctacagct ctgaattatc tgctgtcttt agttgctatc 720
gtcctgttct ttgtctacta cactcatcca gccagttgtt cagaaaacaa ggcgttcac 780
agtgtcaaca tgctcctctg cgttgggtgt tctgtaatgt ctatactgcc aaaaatccaa 840
gaatcacaa caagatctgg tttgttacag tcttcagtaa ttacagtcta cacaatgtat 900
ttgacatggt cagctatgac caatgaacca gaaacaaatt gcaacccaag tctactaagc 960
ataattggct acaatacaac aagcactgtc ccaaaggga ggcagtcagt ccagtgggtg 1020
catgtcaag gaattatagg actaattctc tttttgttgt gtgtatttta ttccagcatc 1080
cgtacttcaa acaatagtca ggttaataaa ctgactctaa caagtgatga atctacatta 1140
atagaagatg gtggagctag aagtgatgga tcactggagg atggggacga tgttcaccga 1200

```

```

gctgtagata atgaaaggga tgggtgtcact tacagttatt ccttctttca cttcatgctt 1260
ttcctggcct cactttatat catgatgacc cttaccaact ggtacaggta tgaaccctct 1320
cgtgagatga aaagtcagtg gacagctgtc tgggtgaaaa tctcttccag ttggattggc 1380
atcgtgctgt atgtttggac actcgtggca ccacttgctt ttacaaatcg tgattttgac 1440
tgagtgagac ttctagcatg aaagtccac tttgattatt gcttatttga aaacagtatt 1500
cccaactttt gtaaagtgtg gtatgttttt gcttcccatg taacttctcc agtggtctgg 1560
catgaattag attttactgc ttgtcatttt gttattttct taccaagtgc attgatatgt 1620
gaagtagaat gaattgcaga ggaaagtgtt atgaatatgg tgatgagtta gtaaaagtgg 1680
ccactattgg gcttattctc tgctctatag ttgtgaaatg aagagtgaaa acaaatttgt 1740
ttgactattt taaaattata ttagacctta agctgtttta gcaagcatta aagcaaattg 1800
atggctgcct tttgaaatat ttgatgtgtt gcctggcagg atactgcaaa gaacatggtt 1860
tattttaaaa tttataaaca agtcacttaa atgccagttg tctgaaaaat cttataaggt 1920
tttacccttg atacggaa 1938

```

```

<210> 7481
<211> 2031
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (249)...(1356)
<223> similar to gi5052520 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7481
tagaaaaccag gcggcgcggtt cccgggtggcg gcgccctgga ctcccggggc cgcgcatccc 60
cgccagcctt ccttaaggcg gatgggtggc ccccgagacc ccgtcggacc catggtttcc 120
agtgcagcgc ggagtgggag atgccagcgt gccaggagcc atgtctgacc aggacgtttg 180
gaagatcata tccatgccag aggcctcttg gatgagatga gttggtaaag agagaggctg 240
ggatgaagat gctgccagga gtgggcgtgt ttgggactgg cagctccgcc cgagtctctg 300
tcccactgct gagggcagaa gggttcactg ttgaggccct gtgggggaag actgaggagg 360
aggcgaagca gcttgctgag gagatgaaca tcgccttcta caccagccgg actgatgaca 420
tcttgctgca tcaagatgtg gatctggtgt gcatcagcat ccccctcca ctcaccggc 480
agatatccgt gaaggctcta ggtattggga agaattgtgt ttgcgagaag gcagcaacat 540
cgggtggatgc cttccggatg gtgacagcct cgcgctacta cccgcagctc atgagcctgg 600
tagggaacgt gctgcgcttc ctgcctgect tcgtgcgcat gaaacagctg atttcggaac 660
actatgtggg agcgggtgat atctgtgatg cccgcactta ctcaggcagc ctgctgagcc 720
ccagctatgg ctggatctgt gatgagctca tgggcggcgg gggcttgac accatgggga 780
cctacattgt ggacctgctg acccacctga ccggccggag agccgagaag gtgcacgggc 840
tgctcaagac attcgtgagg cagaacgctg ccacccgtgg catccggcac gtcactagcg 900
atgacttctg tttcttccag atgctcatgg gtgggggtgt gtgtagcaca gtgacactca 960
acttcaacat gccaggcgcc tttgtgcatg aagtcattgt ggtaggctct gcaggacgcc 1020
tcgtcgcccg gggagccgac ctctatgggc agaagaactc tgccacgcaa gaggagctgc 1080
tcttgaggga ctcgctggca gtgggcgag gactgcctga gcagggggcc caggatgtcc 1140
cgctgctgta cctgaagggc atggtctaca tgggtcaggg cttgcgccag tccttccagg 1200
ggcagggcga ccgccgcacc tgggaccgca cccctgtctc catggccgcc tccttcgagg 1260
atgggctgta catgcagagc gtggtggatg ccatcaagag gtcgagccga tccggggagt 1320
gggaggtgtg ggaggtgctg acggaggagc ccgacaccaa ccagaacctg tgtgaggcac 1380
ttcagcggaa caacctatga gcctgcacct gggctccttg ccacagggca gaggggaccg 1440

```





```

agttgggaag gtgcatgtgc taccattgct tcaggttcag gtggattcag cacaagtgac 1680
tgtggaacaa gtccatccag atctgctcca ggacagccag gtgcacgatt cacacatgag 1740
tgagcttcca gagcagggtcc aagtgagtta tctagaagtg ggccgaattc agactgaaga 1800
aggtactgaa gtacatgtag aggagctgca tgttgaacgg gtcaatcaaa tgccagtgga 1860
agtacaaact gaacttctag aagcagatgt ggaccacgtg accccagaaa tcatgaacca 1920
agaggagaga gagtctagcc aagcagatgc tgctgaggct gccagggaag atcacgaaga 1980
tgctgaggat ttagagacca agccaacagt ggattctgaa gcagaaaagg cagagaatga 2040
ggacagaaca gctctgccag ttttagaatg aaattacaca tgaatatatt tttaaattta 2100
cttggtgggt ttttgaactg attatgggca gtttgactgt ctttaattaa gcctaacaga 2160
caagtggacc aaagttaagc tgtttcctgt tgtgctgaac tgttgctcgt tgaaacacat 2220
tgattccctt cccctactt attgccacag aggagggatc ttttccataa ctgaagggga 2280
gttttgagaa gtatatctt ggaaacttaa atggattata ttcttattat atagttgggt 2340
acgaatgtat ctattttcat tgtggtaaaa gttcttctt ttctctttcc caggtcatgt 2400
tcttctcaa attttttcca tattgtaaaa tcaaacttaa atcattagaa tacaagttta 2460
tgtattctaa tgcattgttag aaaattgaat aatataggaa acacaaggct gcatgatgaa 2520
aagtgcattg ttactgtgca gttaaatgtt ggcttctggc tttctttagt ttgaacaaac 2580
gttcttgtct accccagtag tcacagatgc catctttgca acagaaagag tgggtggtggc 2640
aaaatttcta gaatgttaaa aaaaaaa 2667

```

```

<210> 7483
<211> 1714
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(728)
<223> similar to gi5514631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7483
ctggggctcg ccgtcaacgt ggtcaccacg ctctgtctca tctcctactg tcccacggcc 60
accgaagagg caccatactg gacatacctt ttatgtgcac tgggactttt tatttaccag 120
tacttgatg ctattgatgg gaaacaagcc agaagaacaa actcttggtc ccctttaggg 180
gagctctttg accatggctg tgactctctt tccacagtat ttatggcagt gggagcttca 240
attgccgctc gcttaggaac ttatcctgac tgggtttttt cctgctcttt tattgggatg 300
tttggtttt attgcgctca ttggcagact tatgtttcag gcatgttgag atttggaata 360
gtggatgtaa ctgaaattca gatagcttta gtgattgtct ttgtgtgtgc tgcatttgga 420
ggagcaacaa tgtgggacta tacgattcct attctagaaa taaaattgaa gatccttcca 480
gttcttggtt ttctaggtgg agtaatatat tcctgttcaa attatttcca tgttatcctc 540
catggtggtg ttggcaagaa tggatccact atagcaggca ccagtgtctt gtcacctgga 600
ctccacatag gactaattat tatactggca ataagtatct ataaaaagtc agcaactgat 660
gtgtttgaaa agcatccttg tctttatata ctaatgtttg gatgtgtctt tgctaaagtc 720
tcacaaaaat tagtggttagc tcacatgacc aaaagtgaac tatacttcca agacactgtc 780
tttttggggc caggtctttt gtttttagac cagtacttta ataattttat agacgaatat 840
gttggttctat ggatggcaat ggtgatttct tcatgtgata tgggtgatata ctttagtgct 900
ttgtgcctgc aaatttcaag acaccttcat ctaaatatat tcaagactgc atgtcatcaa 960
gcacctgaac aggttcaagt tctttcttca aagagtcac agaatatacat ggattgaaga 1020
gacttccgaa cacttgctat ctcttgctgc tgctgtttca tggaaggaga tattaacat 1080
ttgtttaatt tttatttaag tgttatacct atttcagcaa ataaaatatt tcattgctta 1140

```



<211> 1630  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1120)...(825)  
 <223> similar to gill154645 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7485

tttttttttt	ttttgccagt	ctttgtcaga	aaatatat	attattgata	gtgagtgaag	60
taaagatgtg	agtattcact	atagagggtt	tatcagccaa	ggttgccctc	atattgataa	120
aaatacctta	tctcacttgt	aatcataaac	attattccag	tagaagaggt	acattttctc	180
tcctttttgt	cttcttgcc	gtataatcac	cataataagt	tataatgaaa	tagctcttac	240
ataatcaaag	gagaaaagaa	agacaaaacc	aacatgccac	agcctagaca	attccatcca	300
gcaactgctg	ctccagatct	gttttctggc	tctctccacc	cagcactgct	gccctcggat	360
ctatgttttc	tggctctctc	ctcgccccc	tccaattaat	ttagccccc	accccatcct	420
actttgttag	ggtggagggt	caccaaata	tggggcttgt	tcagaagaga	aacattttat	480
ggtcagtga	agttgaatag	aaagtaccaa	aagggtggaga	gggctgccct	tctcttttaa	540
tcatcataag	agggtttact	aatactcaag	agtgtccttt	aatgactgat	ccctgatcaa	600
ggctttggcc	cttcaaactg	ctgctgttca	aaacgtgaaa	tgattctgct	gaatccattc	660
ttgatgtctc	tcttttagtg	tcttctcatt	agtggctctc	tcttcaaata	ggttggtttc	720
tcactaggaa	aaaaaatggt	ccatctctgg	aattaacggt	gatgggtggt	tgctcattct	780
gaaagttttt	atcctccctt	ctcaagcatg	ctctgttttg	catgattgac	acagtgcata	840
tactgggtgg	ccagagcgga	gcatttgagg	gtctggtggg	tgttctcacg	gtaacactga	900
agaatttttg	cctgcagatc	agcacagact	ggatgagact	catatcgctt	gaactttgct	960
tccacctctt	cagcagcttt	ctgatattgt	tcagtgggtga	ctctgtagaa	ctctgagctc	1020
ctctcctcca	gtctagccag	ctgttctttg	tagaatgcat	cctgcttctt	tagcactcgg	1080
tctttctctt	ccagctgcct	agccagggtg	tttgcccttag	cgcgttcctc	ctcgtacat	1140
atcctctccc	gaaggatggc	tctggttaac	tgctcattgg	cagcagccct	ctctcgggtc	1200
agctcttttg	cttgcttttag	tcgtttctga	tcttcggatt	ctttcttggc	ttgctccaat	1260
gccagctcct	cagctactct	tcttttcaat	tcttcatcag	aaactgaggc	accataagca	1320
ccagaatacc	gctgagactt	cgaaccagat	ggagaggatt	ccttcattcg	atcaatcaca	1380
ttttccgaaa	gccggatgcc	cttcaccacg	gtgatgttct	cattctcgtc	cgcctcgaag	1440
gtgaccgggc	gggtgctggg	ggcccccccc	atgattccgg	ttcctgcccc	agcggagacc	1500
tagcggggaa	ccacgagcac	ttcggggccc	ccgcacccac	acgcgcgtgg	aagggcctgg	1560
attcttttcc	cgcacagcgg	gagcaaggcc	acgaccccca	gaagcaagga	gaaggcgccg	1620
gtccacgaaa						1630

<210> 7486  
 <211> 969  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (156)...(840)  
 <223> similar to gil373214 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7486

gcggccgctc	caacatgtta	ccattctgat	gttgaggccg	gttagcgaac	cccaagagtg	60
cagagtgtgg	agcgtggagc	gccgggactg	tgcacgcttg	accggaagcc	cagaccagtg	120
cggtcctagc	cagagagaaa	ggacatttgc	caacaatgag	acacgaagcg	cccatgcaga	180
tggcctctgc	ccaagatgcc	aggtacggcc	agaaagactc	ctctgatcag	aactttgact	240
acatgttcaa	attactcatc	atcggcaata	gcagtgtggg	gaaaacatct	tttctattcc	300
gttatgcaga	tgactccttt	acatctgcat	tcgtcagcac	agttgggatc	gatttcaaag	360
taaaaactgt	attcaaaaat	gaaaagagaa	tcaagcttca	gatttgggac	acagcaggcc	420
aggaaagata	caggactatc	accacagcct	attatcgtgg	agccatgggc	tttattttaa	480
tgtatgacat	tacaaatgaa	gaatccttca	atgcagtaca	agattgggtca	actcaaataca	540
aaacatactc	ttgggacaat	gccaagtta	ttctggttgg	gaacaagtgt	gacatggaag	600
acgagcgggt	catctcaact	gagcgaggtc	aacatttagg	agaacagctt	gggtttgagt	660
tttttgaaac	aagtgccaa	gacaacatta	atgtcaagca	gacatttgag	cgccttggtg	720
atatcatctg	cgacaaaatg	tcagagagtt	tggagactga	tcctgccatc	actgctgcaa	780
agcagaacac	gagactcaag	gaaactcctc	ctccaccgca	gccaactgt	gcctgttagt	840
gtccccgtgc	acacaggcag	ctccaggggg	ctctggttgc	caacaaacag	catttgtaaa	900
tggtctatta	gccttcattt	atactgccta	acaattattt	gaaggaataa	attgatgtca	960
atggctcgt						969

<210> 7487

<211> 1984

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1355)...(733)

<223> similar to gi4587775 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7487

aaagtgtgag	attcaggcac	gagccaccgc	accctgcctg	gaaaagtact	tcttaaaggg	60
aaggcaagaa	aagggtgaaa	aaaagaaaaa	gattctccag	tggtgaaaat	ttgggtataa	120
gcaccaagta	ggaggacacg	tgtggggaaa	ggatcagggg	aaagggtctt	caaagccagc	180
cattcagact	tcacccagt	agggcccagt	gcagccccc	aactgatgtt	tcagctccca	240
gcctacctga	acctgcccag	gggccaggga	tggccagcac	agcatcccca	ggggactcta	300
gtgccaaaat	ggccatacag	tcatgccc	tccacatcca	tcatcccca	caaagaactc	360
cagccccaaa	gtgctcgtaa	caaagaaatt	ttaatgcata	aggcacagt	agaggctgga	420
atcattaagc	atcctcaa	acaaagggcc	cagcaggctg	agcaaaagaa	cagagacact	480
ctccctcact	accactgggc	gccctggaca	gtccctcgag	gagtaggggg	catccagtct	540
ttggcacggt	gcctgggggc	aggaagtgc	tagcatgatc	ccagctaccc	ctctgtggga	600
atactgccac	caagaggcag	ctctttgggt	tggataaagt	cagtgcacaa	gtccaggggt	660
caagctctgg	aggaatgagg	gtggcacagt	gccctagggc	tgggcagtct	ctgaacagtc	720
tcctcagccc	tcattgggcaa	catgtgggct	tcttcttgct	ggcagttagg	tagagggttg	780
tgtcatcact	gttgatgcgg	acaacatccc	caatgcgtcg	agcccccgat	ttctccagct	840
cagccagcac	attggcctca	aagggtcagt	ctgccacacg	gaagaagaat	tctcggacat	900

tctcaccagt	gagagatgag	actgcccagt	actcagcctt	catctcctgg	gccacctgga	960
gggcgtcttt	ctccatcagc	gcatactgag	cagggtact	cagatccttc	ttggaaccta	1020
caaggaagag	aagcacactg	gaaggggtcat	tctccttcag	ggcatcggcc	agccactgct	1080
tggatgttc	cagagatgcc	acatcattca	ggttgaagac	aatgatgatg	gcttgagctc	1140
ctctatagta	ggttgatgca	atgcatttga	acctctcctg	cccagcggta	tcccaaagct	1200
gcaaaactgaa	gggaatgccc	agcacctcaa	atcgttccat	ctcgaagtcc	actccaatgg	1260
tggccttgta	attcttatca	aaggtgtctt	tgcagaacct	attaatgagg	caagtcttcc	1320
ccaccgacag	gtccccacc	acaatgacct	tggagatctt	aaatcccacg	gtgcctgtcc	1380
ggtgctcctg	gcaggcgcag	gtgacgcggg	ggtggaagtc	tttgtgcccg	tgcaaagcgg	1440
cctccttcct	caggcactgg	ggcagctccg	ccaggacgcg	atccctccgc	acgggtgcca	1500
gaatgttcat	cctgcctgcg	gccttgcagg	gcgcccagc	cgaattgggtg	atggggaatc	1560
ggagactgct	gcgcagcatc	tggcgatgcc	aggaaccagc	agggagggga	aagggggaga	1620
gaagggggccc	aaggagaggg	ggcgcttccc	tcctcaactc	caggcctggg	aggtgactca	1680
tagagtctgc	ccccctcgcg	ccttctgccc	tgggaggtcg	ggggtgagga	tgggtggaggg	1740
gaagcgtgcg	aaggggggtg	cagggttaga	atgaggtgcc	caccgaggag	agagacgtct	1800
gaagtctggc	gtcttttcct	tcaaggctgc	tgtgtacatt	gtgaggcggg	agggctgaag	1860
atcaagttcc	ctcgaggggag	gttaaagaat	ggctaattgg	acccggatac	tctgctcttc	1920
ggggagcgct	ccgctctggg	aggacgggac	tcccctctgg	catggcgggt	cattgctctg	1980
gccc						1984

<210> 7488  
 <211> 1286  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (213)...(1055)  
 <223> similar to gi457372 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7488						
acactcgaac	ctcatagccc	agcttggcac	gaggcgcgat	gtggagtggc	cgtaagctgg	60
gctcctccgg	gggttggttt	ttaagagtgc	tggggcctgg	aggctgtaat	acaaaagctg	120
cgcgtccctt	aatttcctcg	gcggtttatg	tgaagaacca	gctcagtggg	actctacaga	180
ttaaaccagg	ggttttcaat	gaatacagaa	ccatatgggt	caaatcctac	aggacgatct	240
tttcctgttt	gaacagaata	aagagtttca	ggtacccttg	ggcgagactg	tacagtactt	300
cccaaaccac	tgtcgacagc	ggtgaggtaa	aaaccttctt	ggccctggct	cacaaatggt	360
gggatgaaca	aggagtatat	gcacctcttc	attccatgaa	tgacctgagg	gtgccattta	420
ttagggacaa	tcttctgaaa	acaattccta	atcaccagcc	aggaaaacct	ttgttgggga	480
tgaagattct	tgacgttggc	tgtggtgggtg	ggctgttaac	tgaacctcta	gggcggcttg	540
gggcttcagt	tattggaatc	gacctgtggg	atgagaacat	taaaacagca	caatgccata	600
aatcatttga	tccagtccctg	gataagagaa	tagagtacag	agtgtgttcc	ctggaagaga	660
ttgtggaaga	gactgcagaa	acatttgatg	ctgttgtagc	ttctgaagtt	gtagaacatg	720
tgattgatct	agaaacattt	ttacagtgtc	gctgtcaagt	gttaaaacct	ggtggttctt	780
tattcattac	tacaatcaac	aaaacacaac	tttcctatgc	cttgggaatt	gttttttcag	840
agcaaattgc	aggatttgta	ccaaaaggta	ctcatacatg	ggagaagttt	gtttcacctg	900
aaacactaga	gagcattctg	gaatcaaatg	gtctgtcagt	tcaaacagtg	gtaggaatgc	960
tctataaacc	cttctcaggt	tactggcatt	ggagtgaaaa	taccagcctt	aactatgcag	1020
ctcatgctgt	gaaatccagg	gtccaggaac	accagccct	ctgctgagtt	tgttttaaag	1080

ggagaaacag	aagagctcca	agctaatagcc	tgcaccaatc	cagctgtgca	tgaaaagctg	1140
aagaaatgaa	ttgtttctga	gaactatagt	aatatggctt	ggatatctga	tgttttcaaa	1200
tacaagaaat	gtacaattta	tcctttgaga	gagaatcatg	aagaaaagaa	ggtcaataaa	1260
aagggctaaa	accttgaaaa	aaaaaa				1286

<210> 7489  
 <211> 1987  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (756)...(569)  
 <223> similar to gil70454 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

007770"522.00460

<400> 7489						
gcggccgcag	cccacccccca	ctgctgttctg	aatcaagcag	gaacccctgg	actaggccct	60
gcttcagtgc	ccacctgggc	ccccccaggg	acctggaaac	agtgtctggg	agttctgcct	120
gtgtatactt	ggcgtgggc	atgagaccga	gggtgaggct	ggaggggtcca	aagctggccc	180
agcgagcacc	aggggtcccag	gtgtcatggc	aacagaacgt	gggatgctgg	aggcatgcct	240
gcagaaggac	tgttgatgcg	acccaaagat	acagcgggtg	gatctctgct	gccagctctc	300
ccagccctc	agcttcgcag	cctggcgcag	catcctctga	ggccccgggg	cctgttgggg	360
cggggttgga	agagccgtct	gcagctactt	cagaggagct	gtttatccct	ctccacgcgg	420
ggcagactct	ggcgggtctc	ctagcgtccg	agagatggct	tattttctac	agtatttaaa	480
atggatgcag	ccctaactgc	aaaagtcaga	gaggctgaca	aggaccaatg	cttctttatc	540
tggtgctcag	ttctcagtca	gacgtgcagc	atggctgcag	ggtggaccag	ctgcctggca	600
ttcaggccca	gatgcctgca	gggctggggc	tctcgggaca	gatgcaggga	tgtgtgctgc	660
agggctgctg	ggaggagagt	ggtggggggc	tgagggctga	gtgattctgt	aaccacctga	720
gaccttcacg	tttgetgccc	ttgggggctc	aggctgcaact	ccccgggtca	cctgacctgc	780
tgcccagggg	cttcaggtcc	tgtctgtgtg	gactggcacc	tgggctgctg	gagaagtctc	840
ctcccgttctg	gaccagcctc	agggtgcac	gttacctcag	gaatggggcc	caccatgaag	900
gggcccattct	gtcagcagcg	tcttctaggt	ccccagctca	gggagccatc	cccagctcca	960
gttttctcat	gcgaatatgc	acagttttaa	ttcacgttgt	tacactagcc	tgccgatgag	1020
accagacac	aggcagacct	ggcgctcttg	acccctgatt	ccagtgagga	ctggccctga	1080
ggagtccttg	cagacctgct	gcctgcccc	cgacaggccc	aaagatggac	ccccctggc	1140
cttgtgacag	ctccccaaagt	gttctccggt	ggagaaactg	cagaggactg	gtgggcgggg	1200
ctccccagcc	atcaccatcc	tgtgtacaat	ggctgtagac	ttgtatatgg	ctcctttaat	1260
attgtaaaga	tgctgatgta	caattgtcgt	gcatttgtgt	gaacacattg	cgttcccagt	1320
ccatgccata	aatgatgctc	tcaagcaaaa	gactggaggc	tctgtcctgt	gcagaagcag	1380
cagccagact	cccgcatctg	atgttgtgca	gggaggtttg	ggggcggaac	ggattcctcc	1440
cttgatcct	tcagttccca	tcgaggaata	acccgcagca	gtgggtggagg	aaggctcagt	1500
gctgggtcct	gagcttggtg	ttatttattg	catttggtg	cctgtcccct	cagggcagca	1560
cagattctga	attctgattc	acagtcacct	gccagatggg	aactgggaaa	gagacagaag	1620
gcgtctgggt	gcttttgaa	cctgtctcaa	atgtttggga	ttttctctct	cactattctt	1680
tgggtgggga	tgatgtcctc	tttagacccc	cacgtaatgg	tatgagaagg	tggcaggcag	1740
tggctcagcc	agccaggggg	gcaccaagtc	atgcagccag	cgtgagacct	gcagttcacc	1800
taagcacaga	acgagatctc	agtatgcctc	catgtaaaaa	gattcacata	ggcctccaat	1860
ttcaatgaga	ccttttgcat	ttgttctcag	agcccttatg	ttctaaccce	tgagaacccat	1920
ttacctgccc	ctctaagggc	caccagcttc	gacctgcctc	aggggacagc	agcacaggac	1980

<210> 7490  
 <211> 1931  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (76)...(714)  
 <223> similar to gi5441952 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7490  
 tttcgtcgca gctggaacct ccggtgtgca gtgcgcttac agttcctaac cccgaccctg 60  
 cgcgcagccc gcactatggc agccccgccg cagctaaggg ctctgctcgt agtcgtcaac 120  
 gcactgctgc gcaagcgccg ctaccacgct gcgttggccg tgcttaaggg cttccggaac 180  
 ggggctgtct atggagccaa aatccgggcc cctcacgcgc tggcatgac ctttctcttc 240  
 cggaatggca gcctccagga gaagctgtgg gccatactgc aggccacata tatccactcc 300  
 tggaaacctg cacggtttgt gttcacctac aagggtctcc gtgccctgca gtccacata 360  
 caaggcaaga cctaccagc acacgcattc ctggcggcct tcctcggggg tatcctgggtg 420  
 tttggagaaa acaataacat caacagccag atcaacatgt acctgtgtgc acgcgtcctg 480  
 tttgccctga gccgcctggc tgtagagaag ggctacatcc ctgaaccag gtgggacccg 540  
 ttcccgtgc tactgcggt ggtgtggggg ctggtgctgt ggctctttga gtatcaccga 600  
 tccaccctgc agccctcgt gcagtcctcc atgacctacc tctatgagga cagcaatgta 660  
 tggcacgaca tctcagactt cctcatctat aacaagagcc gtccctccaa ttaatgcagc 720  
 cctgaggtgt ctggctgtgg ctcaagattt ggccccatgc agaccctccc aaaggatact 780  
 gccttctcaa gatcataggc ctacagactcc aactggtgtt atcccagggt tctgtttgct 840  
 gaagtaaaaa cactgatattt aaaatcccag tgggtacctt tgtatggtgg cacaagtggc 900  
 cgaatcaggc tgaggaatct acggcttggt tccagctgtg cagctgactt ctgtgagact 960  
 ggggccagcc aactactct ctaggcctca ggggtcaagg agctcagagg agggccctga 1020  
 ggtctctttc cgggtgggta tggtcattcc ttcaactgtt cttatgtca cagagggtc 1080  
 cttgcctggt gggcagtggg ttgtaaatac tttttaaaaa acactaagtt cttatcctc 1140  
 agatgctgtt ctactggaga agttcctaga ttcccactgt cccaatagaa acacgtgagc 1200  
 ccataatatg aattaaaatg tttctagtag ctgcattaca aaaaagaagc ctgggcactg 1260  
 tggctcactc cctgtaatct cagaactttg ggaggtctga ggcaggtgga tgcacttgag 1320  
 ctcaggagct tgagaccagc ctgggcaaca tgggtgaaacc cagtttctac aaaaaatata 1380  
 aaaaattagc cgggttccat cacctgtggt tccagctgag gtgggaggat cacttgagcc 1440  
 tatgaggtcg aggctacagt gagcaaatg caccgacctg cactccagcc tgggcgacag 1500  
 tgagaccctg tctacccaaa gaaaaaaaaa aggggagatt aatcttcact atatatatta 1560  
 acacaaattt ctaaaagtta tttcaacata taattaacat cattagatat tttgtactct 1620  
 tttttgtatt aagtattcaa aattgggtgt atattttgcc acccacattt tcaggaccca 1680  
 gtagccacat gtggctagtg gctgctgtga cgggcaacac agatatggaa cacttgatc 1740  
 ctacacagatt attctagtgg acagtgcaga tctagagcta gaggacatgg gtttgagtcc 1800  
 ccaactcccc actgtgtaac cttggggaag gttctggacc tctcagagcc tcaatttatc 1860  
 ataaaatgag gataatcata atgccgtggt cctcactgga cttgtgcaac taccactgat 1920  
 gtgctactaa t 1931

<210> 7491  
 <211> 1401  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (97)...(718)  
 <223> similar to gi4886445 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7491  
 ggggcggtag ccggccgggc ctgggaacgt ggctggttgg aggaggtaga tcaccctttc 60  
 tgcgggggac gatttcgtcg gtggtaggct gctaccatga ggttgaatca aaacaccttg 120  
 ctgctgggga agaaggtggt ccttgtagcc tacacctcgg agcatgtgcc cagcagggtac 180  
 cagcagtgga tgaaatcaga ggagctgcag cgtttgacag cctcggagcc gctgaccctg 240  
 gagcaggagt atgcatgca gtgcagctgg caggaagatg cagacaagtg taccttcatt 300  
 gtgctggatg ccgagaagtg gcaggccag ccaggcgcca ccgaagagag ctgcatggtg 360  
 ggagatgtga acctcttcct cacagatcta gaagacctca ccttggggga gatcgaggtc 420  
 atgattgcag agcccagctg caggggtaag ggccttgga ctgaggccgt tctcgcgatg 480  
 ctgtcttacg gactgaccac gctaggctctg accaagtttg aggctaaaat tgggcaagga 540  
 aatgaaccaa gcatccggat gttccagaaa cttcactttg agcagggtggc tacgagcagt 600  
 gtttttcagg aggtgaccct cagactgaca gtgagtgagt ccgagcatca gtggcttctg 660  
 gagcagacca gccacgtgga agagaagcct tacagagatg ggtcggcaga gccctgctga 720  
 tggctgggcc ttgtgggcag cactctgtg tgagcagggt gttgggcccc tacacttcaa 780  
 agaccagagc cctgcactgg gagagtgtct ctggccagg ctgggaatca ctttctgagg 840  
 cccttcagac tctggcgggg cttgctgtgg cctccctcca gctagtgggtg tggctgagca 900  
 gactccaggg ccagggccag ttcccttctc cctcccggc caaaccaga cccagactct 960  
 aggaagctgg aatggagggc agggatccat gggagatgtc gggatgaagg tgggagctgg 1020  
 aggtgcaggg ggacctggaa catggatggg agtgacagg ctttctcct tagaggccag 1080  
 aggtgctgcc ctggctggga gtgaagctcc aggcactacc agcttctctg attttcccgt 1140  
 ttggtccgtg tgaagagcta ccacgagccc cagcctcaca gtgtccactc aagggcagct 1200  
 tggtcctctt gtcctgcaga ggcaggctgg tgtgacctg ggaacttgac ccgggaacaa 1260  
 cagggtgtcc agagtgagtg tggcctggcc cctcaacctg gtgtccgtcc tctctctctc 1320  
 tggagccagt cttgagttta aaggcattag tgtagatac agctccttgt ggctggaaaa 1380  
 caccctctg ctgataaagc t 1401

<210> 7492  
 <211> 3032  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (192)...(1109)  
 <223> similar to gi5531815 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



<400> 7492

gcgcgcgcgcg	ggtctggcgcg	gaccggttttg	gaagactttg	ccggcctgca	gattggcctt	60
aagagaagga	cggagccaca	tactgctgac	ggcccagaac	tggcagagag	aagggttgcca	120
tggtctgtgt	tgacagtttc	tacctcttgt	acagggaaat	cgccagggtct	tgcaattgct	180
atatggaagc	tctagctttg	gttgagcct	ggtatacggc	cagaaaaagc	atcactgtca	240
tctgtgactt	ttacagcctg	atcaggctgc	attttatccc	ccgcctgggg	agcagagcag	300
acttgatcaa	gcagtatgga	agatgggccg	ttgtcagcgg	tgcaacagat	gggatttgaa	360
aagcctacgc	tgaagagtta	gcaagccgag	gtctcaatat	aatcctgatt	agtcggaacg	420
aggagaagtt	gcaggtttgt	gctaaagaca	tagccgacac	gtacaaagtg	gaaactgata	480
ttatagttgc	ggacttcagc	agcggtcgtg	agatctacct	tccaattcga	gaagccctga	540
aggacaaaga	cgttggcatc	ttggtaaata	acgtgggtgt	gttttatccc	taccgcgagt	600
atttcactca	gctgtccgag	gacaagctct	gggacatcat	aaatgtgaac	attgccgccg	660
ctagtttgat	ggtccatgtt	gtgttaccgg	gaatggtgga	gagaaagaaa	ggtgccatcg	720
tcacgatctc	ttctggctcc	tgctgcaaac	ccactcctca	gctggctgca	ttttctgctt	780
ctaaggctta	tttagaccac	ttcagcagag	ccttgcaata	tgaatatgcc	tctaaaggaa	840
tctttgtaca	gagtctaata	cctttctatg	tagccaccag	catgacagca	cccagcaact	900
ttctgcacag	gtgctcgtgg	ttgggtgcctt	cgccaaaagt	ctatgcacat	catgctgttt	960
ctactcttgg	gatttccaaa	aggaccacag	gatattgggtc	ccattctatt	cagtttcttt	1020
ttgcacagta	tatgcctgaa	tggtctctggg	tgtggggagc	aaatatcttc	aaccgttcac	1080
tacgtaagga	agccttatcc	tgcacagcct	gagtcctggat	ggccacttga	gaagttttgc	1140
caactcctgg	gaacctcgat	attctgacat	ttggaaaaac	acatttaatt	tatctcctgt	1200
gtttcattgc	tgattattca	gcatactgtt	gattcgtcat	ttgcaaaaca	cacataatac	1260
cgtcagagtg	ctgtgaaaaa	ccttaagggt	gtgtggatgg	cacaggatca	ataatgcctg	1320
aggctgattg	acgacatcta	catttcagtg	ctttttccct	aagctgtttg	aaagttacgc	1380
ttttctgttg	ttctagagcc	acagcagctc	aatattgaaa	tataatatga	ttgtgcaggt	1440
cttataaatt	cagatgttgt	tttttaaggg	aaattgacca	tttcactaga	ggagtgtgct	1500
tggtttttaa	atgtgcatca	agaaagacta	ctgaaaagta	ttattttgta	actaagattg	1560
ctggtactat	taggaaaaat	ctgtgtgtat	tgtatagctc	tagctgtttg	actatctgta	1620
atgaaaatgc	tgcaacttcaa	ctgggtatttc	attagagaac	cgtgtgtgtg	cgtgtgtgtg	1680
gtgcctttga	gcaactttat	ttatgggttac	catattttta	aaaagatttt	ttgtcaggat	1740
gacttaacat	ggactcttat	aggggtattaa	aacaatctag	attattcctt	ttcatcctaa	1800
ataagcctac	caaatttcat	gctgttggtt	tgccatgaat	gatattactt	cctacattat	1860
atgtgtgttt	tttcaaactc	gctatggaat	gaacttattc	ctagatttgg	atatgtaaga	1920
gaaacctgca	gtcatctttt	gattttataag	gcaattcttg	tggataaata	gtgatttctc	1980
agcctctgac	ccattttata	actgaaattt	agccctttag	agcttggttat	atctgggtttt	2040
cctacgtttt	tctatgtaat	attattccat	tccagtagca	ttattgatag	aaatagtaag	2100
tatttatgga	atagtaaaaat	atggacaaat	tacgtgtgtg	acatatctgt	caaaaataagt	2160
tagaagctta	ttcttggttt	gtgtaatgaa	tttatgtatt	gtagtgaata	cctttactgg	2220
tgtgaagata	attatgcaca	aaccctcaca	atacgcgtta	acattgaaac	ctgtgaaatg	2280
tccttaggtt	gggtcatata	aagccaacca	tttttgagga	ccatgtacct	agtgctttga	2340
aaactgtaag	tcactatatg	aatatgacaa	tatgtgcaca	tttaaaattc	agagctcggc	2400
attgtgatac	tgatgcagaa	gctagtagat	tggttaaaaag	tctggacttc	tgtggcatatt	2460
ttttcgtgac	gtgataatct	atcataagca	gacctaaagca	cagtttttatg	aacacaattt	2520
tgcccatgac	attgcctaca	ggatttccag	atgtgacttg	cactcagaag	atcagtgggtc	2580
aacttcagaa	gttcttccac	gcttagatca	tgtcttcaga	acttagatgt	gaaaatctac	2640
acactgggag	atgctgtgag	ccccagggtt	ttgatggagt	ttgcttgga	tcctcttgac	2700
ttcatgccac	attgacgtga	actttgatgt	ataataagca	gcagcaactt	catgtgaaaa	2760
tatggtcagg	tagttatatg	taaggttacg	tgggtccagta	atgtcttaga	ttgataaatt	2820
aggtatggaa	tccatcagtg	ttacgtgatg	agaatagggtg	aacacacctt	gtcagtgatg	2880
atgtaaaact	ctctccttgg	caggacatgg	gcaaacatgc	tgattgggtgc	aaatgtgggtg	2940
ccgagctgtc	catagctgca	gtgaaagatg	aagagcaaga	ccttctctag	gttttcttagc	3000
tttcattaaa	tgtatttttt	tccccagaaa	aa			3032

<210> 7493  
 <211> 1431  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1189)...(661)  
 <223> similar to gi2226414 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7493

tttttttttt	ttccatatag	taaaatgcct	ttattttaaa	aagaagaggt	acagtacatt	60
ataattccaa	ggaaattttc	gtattttaaa	aatgccaa	tttggctaaa	aactcaaaag	120
atttcattta	atacttgaat	aacaaggaaa	ttcacaatta	aggctgaaat	actgttcata	180
ttattgtgta	tttctaagca	tggtatttta	agcttggtga	ttttaaacca	tggttacaga	240
attgtatagg	aatatattga	aggcataacc	ttatatatt	tggaattttg	gtttaattgt	300
ttagaatttc	aaaatagtat	tgggatgtga	aacaggatga	ttatcactct	gataacaaca	360
agactgaact	gagtccttca	ctgtattttt	ctaaagaact	cacttctagt	gagtaagtgt	420
tcaataacat	aaagttagga	aatctttatg	ttattaaaa	ttgaattttt	ctttcactgt	480
atcccaatat	tttaaatatg	cgcttcagga	catttcag	taaaataaaa	gtttaaataa	540
tatcctcact	acattaaaaa	taagatcttt	aagtaaact	atttcctaat	catattgtca	600
ttgtgcactg	aagttaattc	tctgaagact	aaattatatg	caattgaggt	tctgtttccc	660
ttctaaacgt	tcctttacta	atttttccaa	agcgaaaaga	tgctcatctg	cttcttctgg	720
cacaagggtc	ctaatagaat	ttgcaagttc	aaaaagatat	tctgtatttc	ttccacttgg	780
accagctgca	ttaaaaat	gttcagcaat	gtcttcagga	ggtgcaggac	caagataatc	840
aggattatca	catgtttccaa	tatatagcaa	tacactgaat	ggttttgttg	tgggatcttt	900
tggataaaaa	atgactgttg	tggttctgta	gcctcctttt	tctctgaagt	caaggatatgc	960
ttttacttct	tcttcctttc	ctactggcaa	tctgtaagca	acaccccata	catatcccgc	1020
aggatcttca	acaagagtca	caactcttcc	aggcttgccg	gggaccccg	ggtggtccgt	1080
gctgccctgc	cagaagcgcc	tgctgtagtt	ggtgatgtat	ccgaccagct	gtcctgata	1140
ggggaaatcc	accttccaga	tcagggaccc	gtaacaaaa	accacatct	tctcgcggct	1200
cctctgcccc	agtggccgtg	aaccctagct	gtcgccgcgc	cgccggggac	tgaagcctcc	1260
ggtaagcgag	taaccggccg	cgcggggcgc	aggcgcgatg	gccacttggg	gcgcaaagcg	1320
cactgggagt	ttagatccag	aaagattttc	cgagcggatc	tcagtcagct	ttattttatt	1380
tccttgatta	gggtgtcaag	aggcattgac	cttcggtgta	gtaagcaatg	g	1431

<210> 7494  
 <211> 1702  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (957)...(392)  
 <223> similar to gi733605 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7494
tttttttttt ttatagctga tcaagaatth atctttattc tgattatgat tcttcaaaga    60
gcattagttg tttaaattta atttaagcca tgcttaaadc gaatacatatc aaaatatgat    120
tacttatatt ccttttgacc aaagagctga aaatthttgtg ttccagttca tcttactcat    180
gttattctga tgcgaaacac tctaaatgca aattgttttg aaagtaaata ggccaagtgg    240
cctaccctgc cctttttata gtataaatth tgtgatactg ccttcttttc agtatatgct    300
cctctgtggg cctttggctt acacggagac catcagctac aacgcatggc agtcagcttc    360
agagtcctcg ctccagtgtg catctcgtht ctcagccaca agtttgatga attgagagtg    420
actggcataa agcttcagtt tatcattgat gtccacccat ttcacttttc cagcatcatc    480
tccagcttct agcataagat tatccattat ctcacctgth tctgcatggg agttcacagc    540
ttctgtctcc atccatgcat tatcagtgtt tcgaggatca tcaacatatc ccttatatat    600
cactaggtgg tcttggctga agagtttgtg caacttttcc tctatttctc tcttctcagc    660
actggttttc tgtaaggagt tgagagcttc ctcaccaaath tctcttttca gtgtggcact    720
aatcttctct cctggatcca ccatcccccc tgggattgcc cattctccac agtctttcct    780
ttttattgca acaaattgta agatatgctt cccagaaaca ggatgcatga ttttatttcc    840
actgctatcc cttttccatc tggttataat gggatctgca gcgtgatttg ggccccatcg    900
ccccaaaagc ccccggccca ccagtccagt ccgtcctgca ggatttctcg gtcttccatt    960
ttcaatctca tacaggccat tcttgctctt tctctcaaca tgcccatcct tttcgthaaa   1020
cttgggagaa aaattactth cactgatctg aggatctgcc cacctgggtc cagccaagac   1080
agagactgca gtgtattcca caggcttata gtcttgccac tcaacaagcc agcccactth   1140
ctcattagga acctggcttc gttcaactth tgaacctggg taaggagacg tccgagcctt   1200
attgtgagaa ttttcttttg aaccattaga accagacatg acgttggtat taagatgaaa   1260
ccaagaagat gaaaacgagt ttctgaacgc ctggatgccg cggcagcgcg aggacctgat   1320
agtcacagag gccaaaggcca gagagagaga caccgcggct aaagcctthc ccaggaggcg   1380
tcccgccatg agcgccccga gggcggtctt gcgatgctag gtcgctctta gttggtgcct   1440
ccgcctcccc acaccccaca gctccgagtc ccggccgcgg gtatctgatg ggcactagga   1500
cctgtctgcc gttgggttcc cgaacgggag tagctgtgcc tatctataaa tcacagatca   1560
agagccctcc cagcataaga gtccaccgct ttccccagt catcgagaaa aatccagacc   1620
agcacgtgac gccgaagcct ccagcgccag ctgcctgggg aaaccgcggc cacgaacctc   1680
gtaactttct ctcaggaaat cg                                1702

```

```

<210> 7495
<211> 3018
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (2845)...(1723)
<223> similar to gi37265 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7495
tttttttttt ttaatccagt gattcccaga tttatttggg tatgaccatc tatcccccca    60
gtagtcttca ccaatattct gtggaacaaa tctgtttatt tgcagaacac aatthttgaaa   120
agggttattc tgaatgtcta tgaagtgtth taaatatggt acatthttaat gaggttatat   180

```

acaaaaatag	cctaatacacc	aacaatgaca	gaaacatcca	ggatacaact	tgtgaaagta	240
aaaatttttta	ttttgattga	tttctcaatg	tatagttcag	tataatgcc	gtttttaatg	300
gcaaaaattt	ggttccactg	aaactccata	atgctacaga	gagctactac	tttttccagg	360
aagtaggtta	acagctagaa	agaaaaagga	caatttccta	gcagcatggc	aacttaaaact	420
gcagatctaa	taggtctgca	acttttacac	taaaaatggc	acaaacagct	ggtgacacaa	480
gtgagaaatg	gggaacaaga	tgtgaacact	gaaaagaaca	atatatatac	tgtaaatatg	540
atgaataaac	caaatgtagc	tataagaatc	ttaaaggatg	attatagaaa	agggaaacca	600
atattttcct	caaatgcttt	ttagagcctt	tctgtagcga	tacaaatata	tatatatata	660
tttatccaaa	aatatgtttt	atacagataa	atgttttctca	attaaagatg	ggaccaaagc	720
tataggtata	acataaaagca	cattgtcttt	tgtaagacta	tttatccacc	tgaattttca	780
atttctttta	agttagtgc	ttaaatgttt	tccaaatata	attacctgtc	agtcttttta	840
tagatataaa	tcaagtaggc	attatgtttt	aaaagtgttt	gcagggttaa	cttttctaag	900
atgctgtgca	tattaaactt	attatgagcc	ccattaagaa	tcattattaa	taaacatatc	960
aaaaagggct	atatgtcaga	ttttcctggt	catagtaaat	attttctgat	ttccagttta	1020
caagtattga	aaatgcacaa	gaaagatttt	acttcacaag	tacttttaag	aatatacttt	1080
gatttaatat	gtatgttagt	aaaactccac	gtgttgtaac	cattattatg	tttttgtttt	1140
taaaatgggg	atgtaatact	aataaccact	acctataaaa	taaagcacac	aattgttccg	1200
gtgattttac	aaatcttttt	ttccagggtg	aaagtctaca	aaaattccaa	aaaattagag	1260
aacactgaaa	acataattaaa	gtttgacatc	caactttata	gtatttccat	gttaccctga	1320
aagataactt	aaaaaatatg	gccttcttag	aacaggccac	tctgctatta	taaaaaattg	1380
gtgacagcaa	gaaattgtat	cactgatatg	tgggaattttt	gtaaatagtt	ttctctccaa	1440
atcattagaa	aaatgttcaa	aaataaaaac	aaaataaaaat	atgggtggtg	tccttaaact	1500
attttgagg	caggtagctt	agtctaagct	aaaatatattt	tttcattcat	agcaataatc	1560
ctcccctcaa	atgcccttta	aaaaaatgca	tgaaaccgta	caatagcaaa	aatcaaagag	1620
cacagactgt	attttcaaga	acagaaaaat	ctctaattgct	gaaagatata	gtagaaaagca	1680
gatttctttg	gggacattaa	tcaattagtt	tataattcat	tatgaagatt	tctctttttt	1740
attccgggga	gagtctgcta	catttgaaagt	taatgttcca	ttcacaccat	tttctgttcc	1800
tttttttagaa	gatctgcctt	tagttactgt	tggtttcttc	ttcacagctg	gtgcctgaaa	1860
agcagaatgt	tccttccacc	ttcgaagctg	aaaattaatg	aacttccaca	tcataaatgc	1920
ctgagtaacg	caaatggatg	ccagaacagc	gattctaaca	gctaacacat	tgaagtttcc	1980
agtattgaaa	tccagcttct	gattttctgc	tcttgcaagg	ccaaaaccaa	cagtcagtac	2040
tgaagaat	aaagtcagaa	gtcttcccaa	aacaaaaaga	actgcccaca	gagaaaatcc	2100
tttctgatac	ttttcattgc	taaaataaaa	caggcgggaa	atgtggaaaa	gaaattcaac	2160
aaaataatgt	agcaccagaa	gaacaagtcc	tagatgattc	aagttcaaaa	ggtaagctcc	2220
agcaatgtgg	aagaggtaaa	gaccaatgta	gacaagctga	cgaggaatat	cttctttttt	2280
ggttttctgg	aagtagagtt	caggaaaagc	atgaagccag	taagccagct	gtgatatgta	2340
gaaaaacttc	atgtgaaatg	tcattcagggt	atggggataa	gccctccata	agatagttgg	2400
gtctgagatg	tagtttttcag	agatgagaat	gaatgtgcc	caaacacagg	caaaaaggta	2460
gaacgcacta	agctgaccag	attcattaaa	cttgctgtgt	tttgttttgg	agaagtgc	2520
tcgcctgtta	attttatcca	acataatactc	ttgaattacg	gcatgaataa	ttatcgccac	2580
tagcatgtag	aagaaaacag	tagccaaatc	tttgatgcc	tagtaataaa	gggacactga	2640
ttcagtagct	tgttcttctg	ttgctgggag	ggtgacattg	tactgaagag	taacaaaaat	2700
gatagaagct	tttgccgtta	tctcaaact	gagccccagc	aggaagacca	tcgccacaca	2760
ggagacgatg	tccgcgtgat	tctgcaggac	gaattcgtgg	ctcagcactg	gggggtctct	2820
ggtgcttttc	ttgcgaatcg	ccatgggtgg	gccgccgcc	gcgcctgcag	gtgctccgcc	2880
cgggttctgc	tcttccagc	tgctcaccga	ctcgccgcg	cctcccgcgtg	gctgctctc	2940
acggccccgc	tgcagcgct	cgctggggct	tcacttccca	tcccacagcc	agtacgcagc	3000
cgccggggcg	cccggggg					3018

<210> 7496  
 <211> 812  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (581)...(180)  
 <223> similar to gi233398 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7496  
 tttttttttt ttaccagaaa cacgtgcact ttattgaatg ccattgtaga aaagcgtgtg 60  
 aggataaagg gctgatacag gactcggctc cgggggcagg gcgaggaatg gaagttggag 120  
 tacgtgggat acaggtcatg ggcagagctc ctggcctcag tgatgcctcc tgatctatcc 180  
 ataggcctgg aagatcagca ctgggatgac gatgagcaga atggatcatga ggatgccag 240  
 aatcagggcc cagatgttca ggcacttggc ggtggaggca taggcctggg ccccggtcac 300  
 gtcgccaacc atcttctgt ccctagactt cacggagtag gcgaatgcta tgaagcccag 360  
 gcagcagggg ttcatgaaga ggtgttgaa cagggaccag acgacatggt cgggcacgga 420  
 ggtctcgctg cggatgtgga tcacggtgga cgtcggggga gcagggttgt ggggcgcccc 480  
 cagcacagcc acctcgtgct cctccttgag catctcatag ttggggggct ggccgctggt 540  
 gacaggagag aagaaggttt ggacagtgtg attcatggtg tccagcgaag accagcggcg 600  
 gtcgggttac tgggatggtt ctcatgagc cctccctttc cccagtagtt tcggtttctc 660  
 aacagtttcc ttttctggtc atttgtcaaa tcgggatttg gccgggccag atgaggggcg 720  
 aacaaattcc tgaggatcaa attactttaa gatagagagg aaggaggggc tgaggggctaa 780  
 gaggggcctc ctctctagag cccaaggag ca 812

<210> 7497  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (388)...(728)  
 <223> similar to gi3878329 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7497  
 agtgggaggt gcactttact tcctgactcc tttccttttt ccagtgggta tcgcggcgcc 60  
 caccggcctc tgatctctga gtcttctcca acccacagac gttttttggt gctctgggtc 120  
 caggaccttc tccacaacta ggccattttc cctgccagggt gtcctttttg acctcttgac 180  
 ctctgactca aagggcctgc tccccctcat gtcttcggcc tggagaagag ccagctcctg 240  
 aaggaggcct ttgataaggc cggccccgtc cccaagggca gagaagatgt gaagaggctt 300  
 ctgaaactac acaaggaccg gttccgaggt gacctgcggt ggatcctctt ctgtgcagac 360  
 ctgccgtccc tcatccaaga aggccctcaa tgcgggctgg tggccttggt gatggcaggt 420  
 actctcctgt cgccccccag tggcgctccc ctggagagac tcatacgggt ggccacggaa 480  
 agaggctaca cggcccaggg agagatgttc tcagtggccg atatgggcag gctggcccag 540  
 gaggtgctgg gctgccaggc caagctgctc tctggtggcc tgggcgggtc caacagagac 600  
 ctcgctctgc agcacctggt cactggacat cccctgctca tcccctacga cgaggacttc 660  
 aaccatgagc cgtgtcagag gaaggggcac aaggcacact gggcggtgag tgcaggggtc 720

ctgctgggtg ttccgggtgt gccagtcctc ggctacactg

760

<210> 7498  
<211> 2045  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1748)...(1083)  
<223> similar to gi4704208 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7498

tcgcgatcta	gaactagtcc	ggacgcgtgg	gtactgtag	aaatggctgt	tgtcaattat	60
gaggaaatcc	agtagttctc	tgggagagat	ctgaattagt	agcgttgaga	ggctattcct	120
gaaccccata	ttagaatcct	tcacaaacta	ctgcagtttg	ctgcttggtc	ctgaaataag	180
agacaatgga	tgaacccaaa	taattttcaa	cccttattgt	gaatttacat	ttctttaaat	240
aatattttaat	caatgaatca	caaataattta	acctgtcatt	atgtcacccc	gctggacaat	300
aatggagaga	gtgggggtatc	actgctgtct	tataactttt	aacccacaaa	actttatttg	360
catccccatt	aaaggacaag	gccatgctcc	atttctgatc	tgttcctggg	tcactcagaa	420
actgaggctt	tcagacagat	ctgtgcagtg	atgagaagga	ccactttttt	gaaatgtgga	480
gaaaaaaaata	tgacatcttt	taatgtcagg	cttcttatct	gagcaaaaaa	acatgtatca	540
tcttttcttt	ttgtcagtg	gacagctgga	tgacaagaag	acctacaact	gagtagaagg	600
ctgtgacttc	tttctttctc	ctccatgcta	tcaacatgag	tctttaaatg	tcctgtaaga	660
ttctgagatt	ttaattttga	atacaacctc	ctaaaaagtg	aggtaaaaaa	ctatcttcaa	720
cttctatatt	gcaaatttgt	tgatactacc	aatgcacgtg	tttaactgag	atgcataaaa	780
gcctttctcc	tcaaaaggct	tatgtttaac	taaaattgtc	acttttaaaa	gaaagtttat	840
ggctaaaatg	tatatcatca	ttatcagcag	gagtatgatt	gtgtctggga	gcccatttca	900
ctagatagcc	caaagtcttc	tatcaaattg	gttataatgt	gtttcttcta	ttctgggtgat	960
taaacagtaa	gctcttgga	gtgatttggt	tttattttta	cagtgatcac	ctatcaaact	1020
gttctgctgt	gttatagttc	ccaaactgga	gttcaacagt	cttagaaaatt	cagtgggtcta	1080
agaactgcag	ttcttgagtc	caacctcctg	gaaaagtga	gtataaaaact	ctggctccag	1140
ctgcttggtc	cggtacttgt	tgacaatgtc	ggtgattttc	tgtttccggc	ggacatgggg	1200
gggactgtag	gagtcacttt	ccagtctctt	tcttctacaa	atgttaatta	cagtctgcct	1260
caccagaaaag	ccaagagctc	gctgctgac	aatcatccca	tccacaagag	ggatgaccat	1320
attaaatttt	ccagtggctc	cttgaatttt	tatccggaat	aatccagtgt	ttaaaggggtg	1380
gatgaagatg	acaggaactt	ctttttcaag	agttgtagat	ctcagtgaag	tgctactatt	1440
tgcatgagtt	tccacaccag	tactgatctc	tgtcatcagc	tctgagaggg	gaaagttttc	1500
tatatcatca	tagcgttcca	cccagactac	agaaactctt	gtctcaggtc	caaggggagg	1560
aacagggcga	ccctgaggca	gcttctcat	tctggaactg	ggactgagcc	tctgtgagga	1620
attaagattg	tctgtatgat	tggggaaaag	ctcaagtgtc	agggatggct	gtttcagaat	1680
tcctggcata	agatccatat	ttgaatcact	atcttggtcc	gagatgttac	tttccaatga	1740
atcagttaag	gactccacag	gagaaggaac	cacaaaagca	atttctgtaa	gggcatcagc	1800
ataatacagc	accttcttct	gtccattgaa	aatgctagct	ccaatatctt	cagaggaaat	1860
cacttcttct	tgttgagatc	cttcaccatc	atcacacaaa	ttaatagacc	aactggtaga	1920
aacatgccca	gtccaaccag	ggtgtctgcc	cacatctact	gaccagccaa	gggaaagcaa	1980
aaattctagg	aaatgtggct	gaacagttct	ggaagactcc	acattcttta	aaatctcttg	2040
gttcg						2045

001310 528460

<210> 7499  
 <211> 1827  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (1741)...(457)  
 <223> similar to gi587146 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7499  
 ttaggcaaac tttccaaccg ccaggatatt gcggttggtt ttccccttat tccctttaaa 60  
 attttttttt ttccctaaag gcttttaaatt tcgtagggag gttggggcaa tttgtccccc 120  
 ccccaaagga aggggttctt tccaaaattc ccaggtaggt ttttattctg ctccctataa 180  
 ggaaaaaagt tttgcgttgg aaggccgggt taaatttggg ccccctaagg gttcttttaa 240  
 acgggcccc cttttttttt tttttcattt ttagttttgt taaaaaaaaa ttctgacaaa 300  
 tcagaaatgg ggggttcagga gtgggtggtga tgcaaaagat ggaagccatg ggggtgggggc 360  
 tgtcaggggt gggggcagta gtgtctcctt cacccccacc ctggtgtcct ctccctgaagg 420  
 acagacggtc acattccaaa atgggcgagt cttctaccgt gtctgttcaa tgtaggagga 480  
 gatgtctatc tcatcaggca gctcactaat attgacctca aagcgatcct gcacatcatt 540  
 gaggatcttg gcatcattct catcggacac aaatgtgata gccaagccct tggtgccaaa 600  
 cgggcctgct ctggccaccc gatgcaggta ggtgtcagaa tcctcaggca tgtcataatt 660  
 aaaagcaatg ttcaccgcgt cgatgtccat gcctcggcca aatagggttg tagccacaag 720  
 aattcgtcgt tgaaaatctt taaactgctg ataccgagaa agcctctcct cctggggcat 780  
 cccacggttg atggcaatgg ctgggaagtt ctgctccact agtagctggg ccaaggcaat 840  
 gcaccgctgc acagacttca caaagatcac cacctggttg aactcaagga catccagaag 900  
 gtcaaagagc ttcggttct tctcgttgtc cttcagtttc acgtagtact gctgcaaccc 960  
 atgcagcgtc aacttcgtct catcatccac gaagatctcc attggatctt gcatgaactt 1020  
 gcggcagact ggacggatct ctttgctcaa ggtagcactg aacatcatga cctgcttctc 1080  
 gtgggggggtc atgcgaaaaa tttcctggac atcccgcgc atgtcgagct gttcaagcat 1140  
 cttatcacat tcatccaaaa taaagtgtt aatgtgttg aggttgaggc tcttatttctg 1200  
 agccagggtc aggatacggc ctggagtccc cacgacgata tgcgggcagt tcttcttcag 1260  
 cacctcttca tcttcttga tagacagacc accaaaaaaa acagcaacct tgacattggg 1320  
 catgtattta gagaagcgt catattcctt gctgatctga aaagccaact cccgagtgtg 1380  
 acacatcacc agtacagaca cctgcccagt aactggctcc agctgttgca gtgtggccaa 1440  
 gacaaacact gctgtctttc ccatgcccga cttggcctgg cacaggacat ccattcccag 1500  
 aatggcctga gggatgcact catgctggac ttctgacgga tgctcaaagc cacagtgcac 1560  
 aatggcccgg agcaactctg gcttgagcag gaagtcacga aagccagagc tgtggatgga 1620  
 gacataggag cccttgacat ccttcttggc aggggcctca gcccattctc cccagctgc 1680  
 tgtctccacc tcatcatctt catagtccaa gagctcattg tccacatcgt tctctgccat 1740  
 aactaaacag ggagagcgcg tatggcggca gcaacagcga cgaaggaggg aaatctgcct 1800  
 tcacttccgg ttgcaggctt ccctcta 1827

<210> 7500  
 <211> 1031

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (124)...(756)  
 <223> similar to gi3879170 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7500  
 ggaattcccg gaccgggagg attggcccct tagcgcccgg gcgtcggggc ggtaaaaggc 60  
 cggcagaagg gaggcacttg agaaatgtct ttcctccagg acccaagttt cttcaccatg 120  
 gggatgtggt ccattggtgc aggagccctg ggggctgctg ccttggcatt gctgcttgcc 180  
 aacacagacg tgtttctgtc caagccccag aaagcggccc tggagtacct ggaggatata 240  
 gacctgaaaa cactggagaa ggaaccaagg actttcaaag caaaggagct atgggaaaaa 300  
 aatggagctg tgattatggc cgtgcggagg ccaggctgtt tcctctgtcg agaggaagct 360  
 gcggatctgt cctccctgaa aagcatgttg gaccagctgg gcgtccccct ctatgcagtg 420  
 gtaaaggagc acatcaggac tgaagtgaag gatttccagc cttatttcaa aggagaaatc 480  
 ttcctggatg aaaagaaaaa gttctatggt ccacaaaggc ggaagatgat gtttatggga 540  
 tttatccgtc tgggagtgtg gtacaacttc ttccgagcct ggaacggagg cttctctgga 600  
 aacctggaag gagaaggctt catccttggg ggagttttcg tgggtgggatc aggaaagcag 660  
 ggcattcttc ttgagcaccg agaaaaagaa tttggagaca aagtaaacct actttctgtt 720  
 ctggaagctg ctaagatgat caaacacag actttggcct cagagaaaaa atgatttgtt 780  
 gaaactgcc agctcaggga taaccaggga cattcacctg tgttcatggg atgtattgtt 840  
 tccactcgtg tccctaagga gtgagaaacc catttatact ctactctcag tatggattat 900  
 taatgtatgt taatattctg tttaggccca ctaaggcaaa atagcccca aacaagactg 960  
 acaaaaatct gaaaaactaa tgaggattat taagctaaaa cctgggaaat aggaggctta 1020  
 aaattgactg c 1031

<210> 7501  
 <211> 1497  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1286)...(269)  
 <223> similar to gi4589248 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7501  
 tttttttttt ttagtctctc aatactttac tcggccatat ccccgatac cccacagca 60  
 atttcaccaa cacagagcaa ctgccctcag ccactctgat gtgatggagc caatccagggt 120  
 gtctagaaa tatctagaa atgcagagca tggggaaatc acagaacctt gggaaatgcc 180  
 ataagaacct gggctctgga aagtgccatc cacctccccct ctggtcaggc tggcggcact 240  
 gacaaggcat ccacagggca gccatgctat ggcccagacc tccggatatg caggaaaccg 300  
 ggccctccac agaagtccct gcgcacagcc acaagattaa ggtacaggtc aggccggctc 360



```

tgaagccagc tgctgacaag ctccgggtgc cttgggtcca cttctaagaa gatactacca 420
gagtctttca ggagccgggg tgccaaggcc agaattgtgg taatgatgtc catgccctcc 480
tccccacat ccagggccgc ggggtcttca tagctgcgga tctcaggggc cagctgctcc 540
atgtcctggt ggaagacgta gggaggggtg ctgacaatca ggtccatggg gccccagggc 600
aggtgtgtcc agctcctttc tgagggtcatg tcgagggtgga tgatccaaat cctgtcctgc 660
aaccgaagcc tctgagcatt ctcatgggtc agagagatag cagcttcccg cttatccaca 720
gcaatgactc ggctctgggg gagctggctc agcaggctga gggagatggc tcctgatccg 780
cagcccacct ccagaatgag ggggtgcct ggggatccca cagcatggga cctctggccc 840
acctcttcca gcacccactc aaccagttcc tctgtttctg gccgcggaat aaacactggg 900
ggcaccatcc ttaggctgag cccctggaag tcccactctc caaggatgta ctgcaccggc 960
atcctctgca atcgacggct actcagctcc cggatacact gtagttgctg agaggtcaa 1020
ggctgggtcc aaagtgccgg cctcaggtcc tgaaatgttt tggctccaag gacatgagcc 1080
acgatgtact cactggattc ccgggcctca gggatacccc tcttctcaaa gaccccagtc 1140
cagtggctga ccagttctat ggcactggat aaccagcca gaggtggttg gggttgccat 1200
gagctgaagg ccagccccg ggtacttccc ctccctccctg gccagacag gagggcccac 1260
agcattcggc cccaaagctc catgtctcag ggaaagggtt tccagagtgc ttccaggttc 1320
ccaagtctgc tttatgatgt cagctgctga ggtgagtgtc gagagtggcc cctggacca 1380
gctgggtgga gatggagagg tcacaagctc tgggtcccca aaatggctct ggtcctcaga 1440
tatagttggt tgccaccctg cctgaaaggc tgccccacac acccaccagc cggagaa 1497

```

```

<210> 7502
<211> 2007
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2008)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (87)...(1149)
<223> similar to gi3878636 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7502
ggagcaaggg gaagaagagg atgggctcgt ccatgtcggc ggccaccgcg cggaggccgg 60
gttttgacga caaggaggac gtgaacttcg accacttcca gatccttcgg gccattggga 120
agggcagctt tggcaagggtg tgcattgtgc agaagcggga cacggagaag atgtacgcca 180
tgaagtacat gaacaagcag cagtgcacg agcgcgacga ggtccgcaac gtcttccggg 240
agctggagat cctgcaggag atcgagcag tcttcctggt gaacctctgg tactccttcc 300
aggacgagga ggacatgttc atgggtcgtg acctgctact gggcggggac ctgcgctacc 360
acctgcagca gaactgacg ttctccgagg acacgggtgag gctgtacatc tgcgagatgg 420
cactggctct ggactacctg cgcggccagc acatcatcca cagagatgtc aagcctgaca 480
acattctcct gcatgagaga ggacatgcac acctgaccga cttcaacatt gccaccatca 540
tcaaggacgg ggagcggggc acggcattat caggcaccaa gccgtacatg gctccggaga 600
tcttccactc ttttgtcaac ggcgggaccg gctactcctt cgagggtggac tgggtggtcg 660
tgggggtgat ggcctatgat ctgctgcgag gatggaggcc ctatgacatc cactccagca 720
acgccgtgga gtcctctggtg cagctgttca gcaccgtgag cgtccagtat gtccccacgt 780

```

```

ggccaagga gatggtggcc ttgctgcgga agctcctcac tgtgaacccc gagcaccggc 840
tctccagcct ccaggacgtg caggcagccc cggcgctggc cggcgctgctg tgggaccacc 900
tgagcgagaa gaggggtggag ccgggcttcg tgcccaacaa aggccgtctg cactgcgacc 960
ccacctttga gctggaggag atgatcctgg agtccaggcc cctgcacaag aagaagaagc 1020
gcctggccaa gaacaagtcc cgggacaaca gcagggacag ctcccagtcc gagaatgact 1080
atcttcaaga ctgcctcgat gccatccagc aagacttcgt gatttttaac agagaaaagc 1140
tgaagaggag ccaggacctc ccgagggagc ctctccccgc ccctgagtc agggatgctg 1200
cggagcctgt ggaggacgag gcggaacgct ccgcctgcc catgtgcggc cccatttgcc 1260
cctcggccgg gagcggctag gccgggacgc cctggtgct cacccttga gctgctttgg 1320
agactcggct gccagaggga gggccatggg ccgaggcctg gcattcacgt tcccaccag 1380
cctggctggc ggtgcccaca gtgccccgga cacatttcac acctcaggct cgtggtggtg 1440
caggggacaa gaggctgtgg gtgcagggga cacctgtgga gggcatttcc cgtgggcccc 1500
cgagaccgc ctagatggag gaagcgctgc tgggcgcct cttaccgctc acggggagct 1560
ggggccatgg atgggacagg agtctttgtc cctgctcagc ccggaggctg tgcacggccc 1620
tcgtcacaag gtgacccttg cagcacaggc cgcgggtgcc ccaggctcgg ctcatgttctt 1680
ggaggtcaag ggcattgggt gggttagtgg gtggggagggt gaatgttttc tagagattca 1740
aactgctcca gcaatttctg tatagttttc acctctgaga attacaatgt gagaaccgct 1800
caaaaaaaaa aaaaaggggg ggccctttta aaagaacaaa tttttactcc cgggggttgg 1860
caaggtattt tttttttttt ggggccccaa aattaaattc cgggggcggt tttttaaaaa 1920
ggggggagtg gaaaaaccct ggggttacct aattttattt gttttggaga aanatntntt 1980
tactnttttt tatttaatat gttttttt 2007

```

```

<210> 7503
<211> 839
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (108)...(761)
<223> similar to gi2832832 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7503
ctcccggttc gacgatttctg tggcgccccg gcctggcgcg gagcctgagc ccgccggacg 60
ggaggcgggc ccgcgcgggg ctcggccccg gccccagccc cgccagcatg gccggccgga 120
ctgtacgggc cgagaccggg agccggggcca aggatgacat caagaagggt atggcgacca 180
tcgagaaggc ccggagatgg gagaagcgat ggggtgactgt gggcgacact tcccttcgta 240
tcttcaagtg ggtgccagtg gtggatcccc aggaggagga gcgaaggcgg gcaggtggcg 300
gggcagagag atcccgtggc cgggaacgct cggggcaggg cgccagtccc cgagggggtg 360
gccctctcat cctgctggat cttaatgatg agaacagcaa ccagagtttc cattcggaag 420
gttccctgca aaagggcaca gagcccagtc ctgggggcac cccccagccc agccgccttg 480
tgtcacctgc cggacccccca gaagggtgct ctgaggaggc tcagccccca cggctggggc 540
aagagagaga tcccgggggc ataactgctg gcagcaccga cgaacccccca atgctgacca 600
aggaggagcc tgttccagaa ctgctggaag ctgaggcccc cgaagcttac cctgtctttg 660
agccagtgcc acctgtccct gaggcagccc aggggtgacac agaggactcg gagggtgccc 720
ccccactcaa gcgcattctgc ccaaattgcc ctgacccttg agaagccggc ctgcctgtcc 780
tgttgccccca ggggccccctt tggcttttta caaataaaga cccttttgta aaaaaaaaa 839

```

<210> 7504  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (289)...(549)  
 <223> similar to gi57605 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7504  
 ccggccagca ccacggacgg cgcccaggaa gcccgagtc ccctggacgg ggccttcttg 60  
 attccgaggc ccccggcagg ttcgccaag ggctgcttcg cttgcgtgtc caagccccct 120  
 gccctgcagg ctccggcggc cctgcccct gagccctcgg cctctcccc gatggcgccc 180  
 aactgttcc ccatggagtc caagagcagc aagaccgaca gcgtgcgggc tgccggcgcg 240  
 cccctgcct gcaagcacct agccgagaag aagacgatga ccaacccac gaccgtcatc 300  
 gaggtctacc cggacaccac cgaggtgaac gactattacc tgtggtccat cttcaacttc 360  
 gtctacctca acttctgctg cctgggcttc atcgcccttg cctactccct caaagtgcga 420  
 gacaagaagc ttctcaatga cctgaatgga gccgtggagg atgcaaagac ggaccggctg 480  
 atcaacatca ccagatccgg tctggcagcc tcctgcatca tgctatggat ggctctctct 540  
 gtgatagcca ctaccgtgg gctaaggctg tccgcgtcca tattggttgc ggaaccccat 600  
 gactggaata cagagagacc acaagtcacg tttcgcgagc gatgtcctgc actgtaactt 660  
 gaaatcactc aggtgaccgt acgaggctag atattatgaa gctgtcgtat accctgccc 720  
 gaggtccg 728

<210> 7505  
 <211> 1293  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (761)...(914)  
 <223> similar to gi576631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7505  
 tttttttttt ttaagaagaa aaaataataa acttagtttc tgtatgagca tccgcgtaag 60  
 gaggttcttg attttctggg ctggtggagg gttgggtggg aacttgggca tcgtttttct 120  
 cctccctctt gttcttgcaa agatccctagc acctgatctc tagcccagga ctatatgttc 180  
 caggcagaaa tctacccaag aagaggggaag attggtgaat ttgatgtggg aggggtcctt 240  
 tccccagtca gtttgaagtc acagatatcc ttttctctc atttcttttc cctcggttcc 300  
 tagacgttcc tcggagctct ttgatgcctc agacctttcc cttttatccc tcttgctcag 360

gtgcttcctt	tcacaacttt	ttccagaggg	caggcgtcct	agctccagtt	gctccatccc	420
ttggggccctc	ccctgctctt	catctagcca	aactggtttg	agtcagccac	accccttccc	480
agctccctgg	gctcttcacg	tgggtggctgg	ccactcaacc	ccacccctgg	gcttggcttg	540
gagccctgag	tcagctccat	caccacccaa	gccaaacca	agctgaggca	ggagccgaaa	600
ctcagagtcc	ttcaaggcct	atagccaggt	gatggaggac	gaggagaagg	cagtggagat	660
cttgggcaac	acggaagctg	ctcatcctcc	atccccatc	cgctgctgct	ggctccgcct	720
ccgctgcttg	gcagctacta	gcattatctg	tggctgctct	tgcttgggag	tcattggctct	780
ggtgtttgcc	atcaaggcgg	aagagcggca	taaagcaggc	cggtccgagg	aggcagtgcg	840
ctggggggcc	cggggccgga	aactcatcct	ggccagcttt	gctgtctggc	ttgctgtcct	900
cattctgggt	ccctgctgct	tgtggttgct	ctcctacgcc	atcgctcagg	ctgagtgacc	960
ctggatggcc	tctgctgaga	gccagccgag	acctcctgga	tcctgcaatg	cggcattgct	1020
aaggtcctgt	gacagcagtg	gttggaaagg	tcttggttgg	aaggatgggg	actctctcaa	1080
ggggcttttg	aagagctctt	ctagcccttt	ataaaaggag	ggcagcagct	gagactgatg	1140
agaggagggc	agcctgctct	gttcttttcag	ggccccccac	ccccatctcc	cctaccctag	1200
cccaccctag	ggcctctacc	cagcgggagg	ggttgaagac	caggcctggt	tttattagaa	1260
ttcattttgt	aataaaagcc	tttttttagtg	gtg			1293

<210> 7506  
 <211> 2450  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (871)...(1536)  
 <223> similar to gi5911823 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7506						
agcatcaaca	acggaggctg	tcagcaggctc	tgtgtgaaca	cagtgggcag	ctatgaatgc	60
cagtgccacc	ctgggtacaa	gctccactgg	aataagaaag	actgtgtgga	agtgaagggg	120
ctcctgccca	caagtgtgtc	accccgctg	tccctgcaact	gcggtaaagag	tgggtggagga	180
gacgggcgct	tcctcagatg	tactctggc	attcacctct	cttcagatgt	caccaccatc	240
aggacaagtg	taacctttta	gctaaatgaa	ggcaagtgtg	gtttgaaaaa	tgctgagctg	300
tttcccagag	gtctgcgacc	agcactacca	gagaagcaca	gctcagtaaa	agagagcttc	360
cgctacgtaa	accttacatg	cagctctggc	aagcaagtcc	caggagcccc	tggccgacca	420
agcaccctta	aggaaatggt	tatcactggt	gagtttgagc	ttgaaactaa	ccaaaaggag	480
gggacagctt	cttgtgacct	gagctgcatc	gtaaagcgaa	ccgagaagcg	gctccgtaaa	540
gccatccgca	cgctcagaaa	ggccgtccac	agggagcagt	ttcacctcca	gctctcaggc	600
atgaacctcg	acgtggctaa	aaagcctccc	agaacatctg	aacgccaggc	agagtccctgt	660
ggagtgggccc	agggtcatgc	agaaaaccaa	tgtgtcagtt	gcagggctgg	gacctattat	720
gatggagcac	gagaacgctg	cattttatgt	ccaaatggaa	ccttccaaaa	tgaggaagga	780
caaatagactt	gtgaaccatg	cccaagacca	ggaaattctg	gggccctgaa	gaccccagaa	840
gcttgggaata	tgtctgaatg	tggaggtctg	tgtcaacctg	gtgaatattc	tgcagatggc	900
tttgacacct	gccagctctg	tgccctgggc	acgttccagc	ctgaagctgg	tcgaacttcc	960
tgtttccctt	gtggaggagg	ccttgccacc	aaacatcagg	gagctacttc	ctttcaggac	1020
tgtgaaacca	gagttcaatg	ttcacctgga	cattttctaca	acaccaccac	tcaccgatgt	1080
attcgttgcc	cagtgggaac	ataccagcct	gaatttgga	aaaataattg	tgtttcttgc	1140
ccaggaaata	ctacgactga	ctttgatggc	tccacaaaca	taaccagtg	taaaaacaga	1200
agatgtggag	gggagctggg	agatttcact	gggtacattg	aatccccaaa	ctaccaggc	1260

```

aattacccag ccaacaccga gtgtacgtgg accatcaacc cccccccaa gcgccgcac 1320
ctgatcgtgg tccctgagat ctccctgccc atagaggacg actgtgggga ctatctgggtg 1380
atgcggaaaa cctcttcac ccaattctgtg acaacatatg aaacctgcca gacctacgaa 1440
cgccccatcg ccttcacctc cagggtcaaa aagctgtgga ttcagttcaa gtccaatgaa 1500
gggaacagcg ctagagggtt ccagggtccca tacgtgacat atgatgagga ctaccaggaa 1560
ctcattgaag acatagtctg agatggcagg ctctatgcat ctgagaacca tcaggaaata 1620
cttaaggata agaaacttat caaggctctg tttgatgtcc tggcccatcc ccagaactat 1680
ttcaagtaca cagcccagga gtcccagag atgtttccaa gatcgttcat ccgattgcta 1740
cgttccaaag tgtccaggtt tttgagacct taaaaatgac tcagcccacg tgccactcaa 1800
tacaaatggt ctgctatagg gttggtggga cagagctgtc ttccttctgc atgtcagcac 1860
agtcgggtat tgctgcctcc cgtatcagtg actcattaga gttcaatttt tatagataat 1920
acagatatatt tggtaaattg aacttggttt tcttttccca gcatcggtga tgtagactga 1980
gaatggcttt gagtggcacc agcttctcac tgctgtgggc ggatgtcttg gatagatcaa 2040
gggctggctg agctggactt tggtcagcct aggtgagact cacctgtcct tctgggggtct 2100
tactcctcct caaggagtct gtagtggaag ggaggccaca gaataagctg cttattctga 2160
aacttcagct tctctagacc cggccctctc taaggagacc ctctgcactc gtgtgcaggc 2220
tctgaccagg cagaacaggc aagaggggag ggaaggagac cctgcaggc tccctccacc 2280
caccttgaga cctgggagga ctcagtttct ccacagcctt ctccagcctg tgtgatacaa 2340
gtttgatccc aggaacttga gttctaagca gtgctcgtga aaaaaaaaag cagaaagaat 2400
tagaaataaa taaaaactaa gcacttcttg agacatagtc gacgcggccg 2450

```

```

<210> 7507
<211> 1514
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (247)...(564)
<223> similar to gi4160196 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7507
ggaattcgac ttccttgctg gttgctaaga cactcttggt tcgctccttg acaaccctgg 60
cggggggttc ctggtgctgc ccccggtccc ggcccccgca ggagcagcac cccccgggga 120
aagacatttt ctgctccacc cgagttggca gggcctgctt cctgaatctc ctgggtgtgt 180
cttaactgcc agtcccagca cctcctgaaa gccccactct cctccagtg tccacagtga 240
aggatcatgg gagaaacaga agggaagaaa gatgaggctg actataagcg actgcagacc 300
ttccctctgg tcaggcactc ggacatgcca gaggagatgc gcgtggagac catggagcta 360
tgtgtcacag cctgtgagaa attctccaac aacaacgaga gcgccgcaa gatgatcaa 420
gagacaatgg acaagaagtt cggctcctcc tggcacgtgg tgatcggcga gggctttggg 480
tttgagatca cccacgaggt gaagaacctc ctctacctgt acttcggggg caccctggct 540
gtgtgcgtct ggaagtgtc ctgacactct gtcccctgcc ccgtcccctg cagggccttt 600
tctgccact catctggggg ggggagcagc cctaggcagg tcttggtttt tccaaggaga 660
gttgggggtc tttctttttg tctttgtgta ccagtttctt gagccacgcc cagtgtgtga 720
acttgacatc tccatcccca ggtctcctc tgtctccctc ggagtctcag ggtgtggacg 780
gggcagcggg catgggtctg tgtgggagac gtgggggtgg gcggtgtgac agggtagagg 840
aggtgggaga tgagatcttc cgcacaggaa cacgccagtc cccctttctc cagggtgcc 900
ttcccttgcc atcctgggag cccactgcc ctgccatccc cagtactgcc ggggaagtgtc 960
ggcgcgtcct gtcattagtg gtcatatgaa aatggcccca agaaggagat gattctttca 1020

```

```

agggacacag gcagcttctc tccttgtcct ctggggaggt gctgaccctt cagaaacccc 1080
ttccccaac ttgaccccag gctgaacaga ccactgcata tcaactgggc agcagcccc 1140
ccagcccca gccttggtgg ggaccaagca gcctttcccg tccctctctc gaccctgaca 1200
gttgagagcc aggggctggg gtgtgggagc tgctacctgg cagtttctcg aggggtcacc 1260
gagcctctgg tgggacacct gggcaggagt gctctacca cgaggctgct tccgcaggga 1320
accctggcct gccgcgcact tcgcatcagg gaccgcagtc tgatttgtag tgctctctgc 1380
tgggttttct atgttctttt cgagtgtggg aaaaggggtt tagtagaagg gtgaatcgta 1440
ttttacacag cggctcttatt tatataaatg tcttggtttt tacaattaaa atgaccaaaa 1500
actgaaaaaa aaaa 1514

```

<210> 7508

<211> 3372

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (259)...(2062)

<223> similar to gi2463542 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7508

```

gaaggagcgg gcatgaggcg ctgcccgctgc cgtgggagcc tgaacgaggc ggaggccggg 60
gcgctgcccg cggcgggccc catgggactg gaggcgccgc gaggagggcg gcggcggcag 120
ccgggacagc agcgacctgg gccggcgca ggggccccg cggggcggcc ggaggggggc 180
gggccctggg cccggacaga ggggtccagc ctccacagcg agcctgagag ggccggcctc 240
gggcctgcgc cggggacaga gagtccgcag gcagaattct ggacagacgg acagactgag 300
cccgcggcag ctggccttgg agtagagacc gagaggccca agcaaaagac ggagccagac 360
aggtccagcc tccggacgca tctagaatgg agctggctag agctggggac gacttgcttt 420
tggacggaga ccgggacaga tggccttttg actgatccgc acaggtccga cctccagttt 480
cagcccaggg aggccagccc ctggacacag ccagggggttc atgggcccctg gacagagctg 540
gaaacgcatg ggtcacagac tcagccagag aggggtcaagt cctgggctga taacctctgg 600
accaccaga acagttccag cctccagact caccagaag gagcctgtcc ctcaaaagag 660
ccaagtgtcg atggctcctg gaaagaattg tatactgatg gctccaggac acaacaggat 720
attgaagtc cctggacaga gccatatact gatggctccc agaaaaaaca ggatactgaa 780
gcagccagga aacagcctgg cactggtggg ttccaaatac aacaggatac tgatggctcc 840
tggacacaac cttagcactga cggttcccag acagcacctg ggacagactg cctcttgga 900
gagcctgagg atggccatt agaggaacca gagcctggag aattgctgac tcacctgtac 960
tctcacctga agttagagccc cctgtgccct gtgccccgcc tcatcattac ccctgagacc 1020
cctgagcctg aggccagacc agtgggaccc cctcccggg ttgagggggg cagcggcggc 1080
ttctctctg cctcttcttt cgacgagtct gaggatgacg tgggtggccg gggcgagggt 1140
gccagcgatc ccgaggacag gtctgggagc aaaccctgga agaagctgaa gacagttctg 1200
aagtattcac cctttgtggg ctccctccga aaactactacc cttgggtcca gctttctgga 1260
catgctggga acttccaggc aggagaggat ggtcggattc tgaaacgttt ctgtcagtgt 1320
gagcagcgca gcctggagca gctgatgaaa gaccgcgtgc gacctttcgt gcctgcctac 1380
tatggcatgg tgctgcagga tggccagacc ttcaaccaga tggagagacct cctggctgac 1440
tttgagggcc cctccattat ggactgcaag atgggcagca ggacctatct ggaagaggag 1500
ctagtgaagg cacgggaacg tccccgtccc cggaaggaca tgatgagaa gatggtggct 1560
gtggaccctg gggccccctac ccctgaggag catgcccagg gtgcagtcac caagccccgc 1620
tacatgcagt ggagggaaac catgagctcc acctctaccc tgggcttccg gatcgagggc 1680

```

```

atcaagaagg cagatgggac ctgtaacacc aacttcaaga agacgcaggc actggagcag 1740
gtgacaaaag tgctggagga cttcgtggat ggagaccacg tcatcctgca aaagtacgtg 1800
gcatgcctag aagaacttcg tgaagctctg gagatctccc cttctttcaa gaccacagag 1860
gtggtaggca gctccctcct cttcgtgcac gaccacaccg gcctggccaa ggtctggatg 1920
atagacttcg gcaagacggt ggccttgccc gaccaccaga cgctcagcca caggctgccc 1980
tgggctgagg gcaaccgtga ggacggctac ctctggggcc tggacaacat gatctgcctc 2040
ctgcaggggc tggcacagag ctgagctgct cagccaccat caggttaatt ggatggcgcc 2100
agtctggctg gaggagccct gagatgccat gggaggcctg aggttggcca cgggggagct 2160
ggcctccagg gacgggagag attgtgtcat gtgccacacg agaccaacgt ggaaaagtct 2220
gaagggcctt gggagaccag gtagcacctg gccccatcat gatgcagggg ttttggggag 2280
ctggaaggaa ggtgatgagg cagtgagtca gaaaaaccag aacggggctc ccgcatctgc 2340
tgggaaggct tctgaggggc tgccctgaga gcattcagtt cacatgtcac agggatatgt 2400
gtgacagggg gcctgtggac acatgaatca cttctaacct gcctccctgt cagcctccag 2460
gctgccagct ggctgaggcc agggactggg tcaggctcat ctgtggcgcc tcagagggtc 2520
agcatcattg gtgaacagat gcaggcgctg ctggaccatc tggggagagt gacagtccat 2580
gtcttcacca gggagccatt tgagtgtga gcgacaagag gctcagagg catgaccca 2640
tgggactgga tgcggcctga gggctgatac cgctggcgcc tctcctgccc tgctgtggcc 2700
ctgtgggata ctccgtgttc ctcggcgga cctgtgtgac tctgtcagac ccaaaccaca 2760
gccacatccc agcttctgtg ccagcactgt gacagtacct cgctcctctg tgcaccagat 2820
ccggcctcag gacttacacc tctgacctga cccccaggct tctctctcct ttctcccagc 2880
aaactgcagt ggcagaaaagg aggttcagag gctgggaaag tgggcctccc cttgcaactc 2940
agagctgctg cactcaggag ggccccatcc aatcccgggc ccctgcaggg aaaagcgctg 3000
ggtgtgtgtc agaggcgag ggtgggtggg gctgccagcc aggacctgg cctgcagcct 3060
gatccaaacc aaagactgta gaacctggg gtgtggctaa cgggccctcc agcaccata 3120
gccaggtctt cctggccctt gaggtgtggc tggcggacag gcacctacct cttccttaag 3180
ctgaagctcc cacactgtct tccagggctg aggagatgct ctccttttct actgaccatc 3240
ttgatactta tttatacgag aggcagttgc tggacggggg agtactggga agcaggaggc 3300
agaatggctc tgctgagcct cctacccatg acaacacccc aataaacaga acattcagag 3360
caaaaaaaaa aa 3372

```

```

<210> 7509
<211> 1941
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1942)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1777)...(1282)
<223> similar to gi217682 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7509
agcaggacac agtggctcac acctgtaatc acagaccctc aggaggccaa ggcaggagtg 60
agccaccaca ctcagccaac cttaactctt aattattgga aatacccaaa cctcaatgcc 120
ttaccccata tggaaggcaa aatcctgtat tcccaattca cacatgaaaa ttacacgaga 180

```

```

ggtaagtcaa aaatgcttcc tttattacat aaagccaata ctgctacttc taagttcaac 240
tgtttgtgca tctctatatc gttcaaagtg ttacgcccgt gatattaaca atgaccgctt 300
ccaagtgtca gtgaacagtg gctccctgtg agtgtcatca tggtagctct ccccatgtga 360
cacaagtcaa caaactgctc tagaaagtta agttctccca ggcccagagt aaacatatac 420
tcaatattct tccatacttt attataccat aagaagcaaa cttctgaagg agatacaatt 480
aaagatacca caggtgtcct agcttgtcaa tattctgttt tatcattttc attaacaagg 540
cagattacaa tgtagcccta atttgcatta taattagttg ttacaagaca ctgcacattc 600
tctgaagac acacaatgat ttccaagatg ccaggtcact cttccaatca gtgaatggcg 660
agctcactgg caggtgcagg gctacttccg gtattccaat gatgtgcctg aaatagcgct 720
ttgcaagatg agcgtggatt atgtggacac aattttgagg caatctccat tacacatttg 780
gtagaagact gcctaactta atcttactat tagtgtatta gtgttggtat attatgaaga 840
catattatat tccattattc tgcttagctc aaggaagaat aaagaatttg gaccaaattt 900
ataaccagat tatgagcaat ttccaaagca aaagaaacaa agtaaattgct gagggttaata 960
aagatgtaat aattctcttc acatggcctt tactgtttgt gaactgtgta atttaaaatc 1020
ctgagcttaa caaaaatctt tataaatcaa ctcatacaaa caggcatttg gccataaaga 1080
atttaatttc acatcaataa aacttttagac ttttagattta tttagggttg tttgcatatg 1140
tttatagaat agtttactct aaaagatgac aagacagctc cccctcagtg agaccctggc 1200
ctaaatatat ttgctttatt tatatagcaa gaggataaca ttaaacaatgg aagctttcaa 1260
tttgtggcac tgaataatct acacagggca tccttcaaag gctacaatta aggatccacc 1320
taacttttca gcaataacaag cccgattgag atcttctggg ccatttgctt gacattcatg 1380
ttttatgcct tgaaatttct ttttaattgc atccttggag cttgcataga tcattttact 1440
tttcagaggt gctagtcttg gtgcccaaa aaaaaacatc aactcttctt ttctggattc 1500
ttttgtttca aagcttgcat catacaaagc atagcgacaa tctttttcag gaagcattcc 1560
cacaaaatgc ttgaaaggat cagttatggg tacaccaaca tctccaacca agatctcttt 1620
gccttcttct acaatgatgc actttttgtc tgcactgaga caaaaaatga cagccttctt 1680
tcttttcttg atttcttctg gtgtggagca tttacgaact ttcatgtcat aaaaaatgcg 1740
acatacttca tcagctactt gcactcctga ggccatcttc gccgcggcgg tcgcagggac 1800
gcgggggagg gagccggcgg gcagcgagta tgcagaccgt cctcctcacg gctgcgggac 1860
cgagagaccc agcgtgagc tgacgcggcg gcgcgagctt acncgggggg ggaattcccc 1920
gcntgggtag tggtagctga a 1941

```

```

<210> 7510
<211> 1476
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1477)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1217)...(275)
<223> similar to gi2315796 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7510
tttttttttt ttgaaagaga aatgagactt ttattagctc caagagcatt tttcaatact 60
aagggcaaaa agtaaaaaga aggacaagga aaaccaaggc acaaagaagg gacctaggcg 120

```



```

caccccagaa ctcaccacgg acacacagca gagggcttct cttcatatca aggggatggg 180
taaacaagaa aggctgctgt ttactgaga caggacaaac caccaagtc aaatgagaag 240
acaagcagag acgtagtgtc agaccaggag ggttagaact tgctagtgtg gagggcaata 300
atccacttgg gcacacggag gaaggagggc aggtaggagg ccagccagcc caggccggac 360
acgtgtgaga gaacagagct caaagacaaa tagtcttgga cggggcgggc gtccacatcc 420
cgaaggccat agcgtcgagc aaggtcacag gatggcagca ccttaccact caggctcagg 480
atattgggat ctggttgcaa agccaccaca catttgccac tcaattctgt ggtttccgca 540
gatgagaagg ctgatttgaa ctgcttcaac acaggatcct gcaggacctc ctcctttgcc 600
atatgctcct tcagcagttc tgtctgcaca atccccggcc acagagacac acagctgacc 660
ccatggcgcc gcagctcgtg ggcacagtca gcagccagct tgtcacacgc agctttgccc 720
acaccatagg ggacattgaa catatactgc aggttctctg gggaggagat gaccacgatg 780
agcccctggc cagctggtag catcagccgt gcccataca ctgagcaaaa gtagtggcct 840
ctgagtcgga cgttggtgat atcatccac atggaggcag gggtttcca gaatgcctta 900
ttcctgggtg tcaggatcgt ctggaccctt gcataagcat tgttgaccag cacatctaga 960
cgcccttgct gttcccgatc cacttgctca aacaggcttc gcacttact ctcctggctt 1020
gaatcgca caacaggcac acattggccc ccgaggatt gtgcctcctg agcaacaacg 1080
cgaagggtgt ccagatggcg gccagtgtg taaactgtgg cgctgcttt gcagagctgc 1140
aaggcaatgc cacggccaat acccctggag gcaccagtca ccacacacac ttggccattc 1200
atgggagctg ccatgactca caggcaaagg aggcaggtct gccacctgcg ctgccgtga 1260
ggtctgcaga ttgcggggct gcggtggaag tctgggttct cgcccagatt gagccggcga 1320
cgtggaggca gtgttcaagg attgattctg tagtaggacc cggggcgatt ctgtgctgag 1380
gtagaggggc agagtccag cccaagttag aacctgcgga tgggggcgga gcgatctggg 1440
tgncaatc cncgcntgg gctatgctac tcagtg 1476

```

```

<210> 7511
<211> 2714
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (181)...(1167)
<223> similar to gi733603 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7511
tttcgtggca ccgcggcgct cgggtgtttt tgggggcccg ggtggagggc ccgggtgcgc 60
gggccaagg tgcggcctcg ctacggggag agggagcggg atcaccggcc cggagagagc 120
tctcagggcc agagcggggc agggaggatgc tttcccagcc ccaccatgga gctgcgctgt 180
gggggattgc tgttcagttc tcgctttgat tcagggaatc tagcccacgt ggagaagggtg 240
gaatctttgt ccagtgtatg ggaaggggta ggagggtggg cgtcagccct gaccagtggc 300
attgcctctt cccctgacta tgaattcaac gtgtggaccg gaccagactg tgctgaaacg 360
gaatttgaga atgggaacag gtcatggttc tacttcagcg tccggggagg aatgccagga 420
aaactcatca agatcaacat tatgaacatg aacaagcaga gcaagctgta ttcccagggc 480
atggccccct ttgtgcgcac actgcccacc cggccacgct gggaaacgcat tcgagaccgg 540
cccacctttg agatgacaga gacgcagttt gtgttatect ttgttcacg tttcgtggag 600
ggcctgggg ccaccacctt cttegccttc tgctacccct tctcctacag tgactgccag 660
gaactgctaa accagctaga ccagcgcttt ccggagaacc accctacca tagcagcccc 720
ctggatacca tctattacca tcgggagctc ctttgctatt ctctggatgg acttcgtgta 780
gatctgctga cgatcacttc ctgccatggg cttcgagaag atcgagagcc ccgtctagag 840

```

```

cagctatttc ctgataccag caccctcgga ccattccgtt tcgcaggcaa gaggatattc 900
ttcttaagca gtagagtaca cccaggggag actccatcta gctttgtctt caatggcttt 960
ctggacttca tcctccgacc tgatgatccc cgggcccaaa ccctccgtcg cctcttcgtc 1020
tttaagctga ttcccatggt gaaccccgat ggtgtggtcc ggggacacta ccgcacagac 1080
tcacgtggag tgaatctgaa ccgtcagtag ctgaagcctg atgccgtcct gcaccggcc 1140
atctatgggg ccaaagctgt gcttctctac caccatgtgc actctcgtct gaactcccag 1200
agttcctctg agcaccagcc cagttcctgt ctccctcctg atgctcctgt ttctgacctg 1260
gagaaagcca acaatctcca aaatgaagct cagtgtgggc actcagctga caggcataac 1320
gctgaagcct ggaaacaaac agagccagca gaacagaagc tcaacagtgt gtggattatg 1380
ccacaacagt ctgcggggct tgaagagtca gccctgata ccatcccccc caaagagagt 1440
ggcgttgctt actatgtgga cctgcatgga catgcttcca aaaggggtg cttcatgtac 1500
ggaaacagct ttagtgatga gagcaccag gtggaaaaca tgctatatcc aaagctcatc 1560
tccttgaatt cagcccactt cgacttccag ggctgcaatt tctcagagaa gaatatgtat 1620
gcccagagacc gtagagatgg ccagtctaaa gaggggaagcg gccgtgttgc aatctacaaa 1680
gcctcaggga taatccacag ctacacactt gaatgcaact acaacactgg acgctcagta 1740
aacagcatcc ctgctgcctg ccatgacaat gggcgtgcca gccccctcc cccgccggct 1800
ttccctcca gatacactgt ggaactatct gagcaggtgg gacgagctat ggccattgca 1860
gccctggaca tggcggaatg taatccgtgg ccccgcaattg tactgtcaga gcacagcagc 1920
cttactaatc tacgggcctg gatgctgaaa catgtacgca acagccgagg cctaagcagc 1980
actctgaatg tgggtgtcaa caagaagagg ggccttcgaa ctccacccaa aagtcacaat 2040
gggttgctg tctcctgctc cgaaaacacc ttgagtcggg cacgaagttt tagcaccggc 2100
acaagtgcg gtggtagcag cagcagccaa caaaattctc cacagatgaa gaattcccc 2160
agctttcctt ttcatggcag tcggcctgca gggctgccag gcctgggctc tagtacccaa 2220
aaggtcacc accgggtgct gggccccgtc agaggtgaag cagtctggga gccctgcaa 2280
catgtgttcg gttgtctggg gcattgctgg gggaagtaag agcttgaaga tatactgttg 2340
gccaggacc aaggggtgaa tcaataaaat tagttttagt cagaacctgt ggcctctcct 2400
acgaccttg tgttccctgc ggcattgattc cagagcggta ttgtgtgtgg ccagaggggg 2460
aagtctgggt atctgggctt cagtgcattg taggagccag ggaagtctcc aaggatgaaa 2520
cactagctga agcagtgcga aacaggacat ggagcctcca cgtcacggac aatgtcagtc 2580
tgtcttcatg ggggcagtta agggaatgtc ctcagaatcc aaactgcagt actgtagaat 2640
gatggggaat cttatctgtg gtctttatgg gctgaaattt ttcttggtt cagagctcat 2700
taaggaagtg atag 2714

```

```

<210> 7512
<211> 2750
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (97)...(1461)
<223> similar to gil217965 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7512
attgcccctg taacctgtca aagaagagct aaggagctt tcgggggttg cttcttgag 60
gctgctttct cctttacttg gaaggcttcg ctagtgatgg acccatacat gattcagatg 120
agcagcaaa gcaacctccc ctcaattctg gacgtgcatt tcaacgttgg tgggagaagc 180
tctgtgccgg gaaaaatgaa aggcaaaaag gccaggtggt ctgtgaggcc ctcagacatg 240
gccaaagaaa ctttcaacct catccgagcc attgtggaca acatgaaggt gaaaccaa 300

```

ccaaacaaaa	ccatgatttc	cctgtccatt	ggggacccta	ctgtgttttg	aaacctgcct	360
acagaccctg	aagttaccca	ggcaatgaaa	gatgccctgg	actcgggcaa	atataatggc	420
tatgccccat	ccatcggtt	cctatccagt	cgggaggaga	ttgctttctta	ttaccactgt	480
cctgaggcac	ccctagaagc	taaggacgtc	attctgacaa	gtggctgcag	ccaagctatt	540
gacctttgtt	tagctgtgtt	ggccaaccca	gggcagaaca	tcctggttcc	aagacctggt	600
ttctctctct	acaagactct	ggctgagtct	atgggaattg	aggtcaaact	ctacaatttg	660
ttgccagaga	aatcttggga	aattgacctg	aaacaactgg	aatatcta	tgatgaaaag	720
acagcttgtc	tcattgtcaa	taatccatca	aaccctctgt	ggtcagtgtt	cagcaaactg	780
catcttcaga	agattctggc	agtggctgca	cggcagtgtg	tcccatctt	agctgatgag	840
atctatggag	acatggtgtt	ttcggattgc	aaatatgaac	cactggccac	cctcagcacc	900
gatgtcccca	tcctgtcctg	tggagggctg	gccaagcgct	ggctggttcc	tggctggagg	960
ttgggctgga	tcctcattca	tgaccgaaga	gacatttttg	gcaatgagat	ccgagatggg	1020
ctggtgaagc	tgagtcagcg	cattttggga	ccctgtacca	ttgtccaggg	agctctgaaa	1080
agcatcctat	gtcgcacccc	gggagagttt	taccacaaca	ctctgagctt	cctcaagtcc	1140
aatgctgata	tctgttatgg	ggcgttggct	gccatccctg	gactccggcc	agtccgccct	1200
tctggggcta	tgtacctcat	ggttgggaat	gagatggaa	atttccaga	atttgagaac	1260
gatgtggagt	tcacggagcg	gttagttgct	gagcagtctg	tccactgcct	cccagcaacg	1320
tgctttgagt	acccgaattt	catccgagtg	gtcatcacag	tccccgaggt	gatgatgctg	1380
gaggcgtgca	gccgatccca	ggagtctgt	gagcagcact	accattgtgc	tgaaggcagc	1440
caggaggagt	gtgataaata	ggcctgcata	cattctcctg	aggatgtgtc	ccatctaggg	1500
aaggctggac	taggccttgc	ggctcctcag	ggactcaggt	ggccctactg	ggagaggggc	1560
ctcaaatgca	ccatgtcaag	ggttcaagat	tgttctctgt	tttccccaa	tacaaccaca	1620
cccacactca	gatcctcctc	attcacatcg	cagattctcc	cttgctctgc	gctgctagag	1680
tgactcacta	attcattaat	ctgcctccct	ctcgtaagat	ttccttcttt	ttttcttgaa	1740
agtaccaggt	gaacaaagtt	taccagaaa	cagttgagac	aagaaaataa	gagctcagga	1800
tgagggaaaa	gaaaaagatt	gagagaattt	gtgcccccaa	ccatttcctc	agactctaag	1860
aaagaacacg	ctctctccag	gcaggtctga	agctcaactc	tcttattgcc	tcacttcagg	1920
tatacctcac	tttacacaat	agaattataa	ctggaaagaa	gttggggaca	catgtatttg	1980
gtgattacat	tttaaacaca	ttaggaaaag	ttgctatttg	aactttttat	tgatttttgg	2040
ggggagtaaa	gaattatttt	gtgatgcaaa	taaatatcct	ttaattgatc	gacttgccaa	2100
atttagattt	gtgtgcatca	ggctttcttt	tttttctttt	tttagagaag	ttcaatataa	2160
gcttttcttt	tctttgtttc	tttctttctt	tattttgaga	tggagtcttg	ctctgtcgcc	2220
catgctggag	tgcagtggcg	cgatctcggc	tactgcaac	ctccacctcc	tgggttcaag	2280
cgattctctt	gcctcaacct	cccaagcagt	tgggactaca	ggcgtgagcc	accatgccc	2340
gctaattttt	gtatttttag	tagagacagg	gtttcaccat	gttagccagg	ctggtctcaa	2400
actcctgacc	tcaggcaatc	tgcgcgcctg	ggctctcctaa	agtactggga	ttacaggcgt	2460
gagccacctc	gcccagcggc	atcaggcttt	cttaaagtga	gagcacgcct	gtactagagc	2520
aagcaggaat	cagagacctt	ccagaaaata	tactgtgtaa	gggccagaaa	tatcttcact	2580
tgtcattgtt	atataatcat	tattactttt	gctgtaattg	taataattgat	ttattaatat	2640
atattatctt	ttcatacatt	ttctaagaaa	catttatatt	gataagatct	tttattttgc	2700
aagggcataa	attattgttt	ttcttttttt	ttttttta	aaatttcacc		2750

<210> 7513  
 <211> 607  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (131)...(285)  
 <223> similar to gi30295 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7513
tcgggacgga ggcctccagg ggagagggag gcgggacgaa gcagcgaaga actgggaggt    60
cccgagcagt ggagggggcg gtctgtctct ggagggggcg tggcttgccg cgtgagcccc    120
gcccgccaca aactaccacc gctgcctcaa gaccaggacc cgccgcggga agagcacgca    180
gccctgcgag tactatttcc gcgtgtacca ctcgctgtgc cccatcagct ggggtggagag    240
ctggaacgag cagatcaaga acgggatttt cgccggcaaa atctgactgc ccagcgcgcg    300
cttcctctga agatgcagtg atcctgcata tttttgtctc gcggagcccc ggggtctcgg    360
tatccacccc tacctcccag tgtctaagcc acgaataatg caggtagatg cctcgcgttg    420
acagctacga gccagcccag ggtccccagt tctcaacact gtcccacca gatggctcca    480
aggccaagga gtgccgcttg acaaagccct agggttccag cctggctctg ctgagggagc    540
cgtgagacca gtcagcctgg ggtgctggtt ttcccaacgg gtactccctg agctatcagc    600
cttcag                                           607

```

```

<210> 7514
<211> 1009
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (234)...(814)
<223> similar to gi3877561 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7514
gtccccggcct gagtcgcggc cccccgcagg tctgagctgt gggctgaggc agcgcagccg    60
ctgccgcagg gtgcgcgatg ccttgaacct gggaaactat gtgaagcaac actctggatt    120
ttgaaagaca tcttttcatc atgggacagc aaatttcgga tcagacacag ttggttatta    180
acaagttacc agaaaaagta gcaaaacatg ttacgttggg tcgagagagt ggctccttaa    240
cttatgaaga atttcttggg agagtagctg agcttaatga tgtaacggct aaagtggctt    300
ctggccagga aaaacatctt ctctttgagg tacaacctgg gtctgattcc tctgcttttt    360
ggaaagtggg tgtacgggtg gtctgtacca agattaacaa aagcagtggc attgtggagg    420
catcacggat catgaattta taccagttta ttcaacttta taaagatata acaagtcaag    480
cagcaggagt attggcacag agctccacct ctgaagaacc tgatgaaaac tcatcctctg    540
taacatcttg tcaggctagt ctttgatggg gaagggtgaa gcagctgacc gatgaggagg    600
agtgttgat ctgtatggat gggcgggctg acctcactct gccttgtgct cacagctttt    660
gtcagaagtg tattgataaa tggagtgatc gacacaggaa ttgccctatt tgtgcctac    720
agatgactgg agcaaataaa tcttgggtgg tatcagatgc acccactgaa gatgatattg    780
ctaactatat tcttaacatg gctgatgagg caggccagcc ccacaggcca tgaccttgaa    840
gtgaaagtct tctgttgcta ttgtgggctc aaatatattg tcatggggga agaattgtagg    900
gttgtggcac tggcacagac acaggaaaat ccattttccc cactctttta tttttgctat    960
tctgatcatt tgtccccctt ttaaaaataa acttcccatg tcttccaaa    1009

```

<210> 7515  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (570)...(283)  
 <223> similar to gi2983472 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7515  
 tttttttttt ttgagtggtt gagtttcatt cacacaaaac atggacatca tctttgagggc 60  
 tctgtcccag agagacaggg ccatccctca tgtctgttat tgggtttag ataaacaaaa 120  
 gtataaatca aacaaactgc aaattactct gtctcttttc ctaatcaata cagcaacagt 180  
 cctcagtggt actgcaccac tctggaaaaa atgccttcag gttccttccc atcccccaag 240  
 gcagcagcaa atccttcgtg tcgcctccta ctggccaagg cagccaaaga tttgaaagtc 300  
 tttggctcgt agatggccag atccgctagg actttcctgt tgagctccac ctggcactta 360  
 actaaattcc caatgagcgc tggatacttc agtccatgtt cctggctagc agctgtaatt 420  
 cgattaatcc agagggctct catgttcttt ttcttcaggt atcgggcttt ggtgcatttc 480  
 acaaaggctc gaatcacggt tctgaccgcc aacctgtagc agcgattttt ccttccccgg 540  
 aagtgcctgg cgtgcttcag cacctcctgg atccgaaagt agcggtcggt gacgcgattc 600  
 cgcagccaga gctgcgcggt gaggaagacc atggcgcctg caggccggcg tcccgaacac 660  
 tcaacaacgc acgcgcagcg ccgctgccat cttgcccgcc cgcgcgtccg 710

<210> 7516  
 <211> 3246  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3247)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (216)...(897)  
 <223> similar to gi4468311 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7516  
 cccacgcgtc cgccggacgt aggaggtgga ggttggtgaa ttcgccgttc gaaagcaggg 60  
 actaaaagcc ccacttcgtc ttacgttccg aaaggaaggc gtctgttgag cttttctctc 120  
 agtcgtgagg gaggcgtcga cggcgtgcgg aagtcctgag ttgaggcttg cgggatcctt 180  
 tccggagaaa gcgcaggcta aagccgcagg tgaagatgtc caactacgtg aacgacatgt 240  
 ggccgggctc gccgcaggag aaggattcgc cctcgacctc gcggtcgggc ggggtccagcc 300

ggctgtcgtc	gcggtctagg	agccgctctt	tttcagaag	ctctcggtcc	cattcccgcg	360
tctcgagccg	gttttcgtcc	aggagtcgga	ggagcaagtc	cagggtcccgt	ttccgaaggc	420
gccaccagcg	gaagtacagg	cgctactcgc	ggtcatactc	gcggagccgg	tcgcatccc	480
gcagccgccc	ttaccgagag	aggcgctacg	ggttcaccag	gagatactac	cggtctcctt	540
cgcggtaccg	gtcccgggtcc	cgtagcaggt	cgcgctctcg	gggaaggtcg	tactgcggaa	600
gggcgtacgc	gatcgcgcg	ggacagcgct	actacggctt	tggtcgcaca	gtgtaccocg	660
aggagcacag	cagatggagg	gacagatcca	ggacgaggtc	gcggagcaga	accccccttc	720
gcttaagtga	aaaagatcga	atggagctgt	tagaaatagc	aaaaaccaat	gcagcgaaag	780
ctctaggaac	aaccaacatt	gacttgccag	ctagtctcag	aactgttcct	tcagccaaag	840
aaacaagccg	tggaataggt	gtatcaagta	atggtgcaaa	gcctgaagta	agtattctag	900
gtttgtcggg	acaaaacttt	cagaaagcca	actgtcaaat	ctgattagcc	acttatatct	960
tagactatac	tttttgggaa	gtctagagat	gtatataatg	tgctaaattc	aaagtagcaa	1020
atctgaagat	aggcaatgtc	aaacccatga	aatggggaga	ttaatgagct	ttatttgccc	1080
gtgcatgggt	cctcatgcct	gtaatgaggt	agatggcttg	agtccaggag	ttcaagacta	1140
gcctgggcaa	tgtggcaaaa	ccgcgtgttt	acaaaaata	caaaaattag	ccaggcatgg	1200
tgggtcatgc	ctgtagctcc	agctgttttg	gaggctgagg	caggaggatc	tttgagccta	1260
ggatgctaag	gttgacagtga	gccaagatgg	caccattgca	ctctagcctg	ggcagcagag	1320
cgagaccctg	tctcaaaaaa	tacattttatt	tttttcattt	tcagttaaca	gtgtactctt	1380
ataacaccgt	tattagctgg	tacttttggtg	atttctatta	ctagtttttc	taagctattt	1440
acagagtgtt	tgtagctttc	atttgcagca	ttatgttccc	acaaattctg	tactcagcat	1500
atacagtata	gtttatctgc	tctatttctg	tcttatagaa	atcatgaatg	tgggtctgcag	1560
acattgatga	agaaaatctg	ttggtaattg	atacatgggc	taaagcatca	gagggtttaat	1620
ttgaagttta	tgttcacaca	ctgaaaactt	agtttttttg	ttggtagatc	catgtgcatg	1680
ctagaatttg	ggacaggcac	tatttgcata	aagtattaaa	gtcaattttt	aaactaagca	1740
aaggtacacg	ttgtaacggt	ggggcatctg	tgaaaaagat	gtcccttttc	taatatatgc	1800
aatatattcc	agatgttttg	agagattaca	gaagaggagg	cctgcttcac	ttgcagctgt	1860
cggaaaaggt	aacagaagat	ggaactcgaa	atcccaatga	aaaacctacc	cagcaaagaa	1920
gcatagcttt	tagctctaata	aattctgtag	caaagccaat	acaaaaatca	gctaaagctg	1980
ccacagaaga	ggcatcttca	agatcaccaa	aaatagatca	gaaaaaaaagt	ccatatggac	2040
tgtggataac	ctttgggtcca	tctgtgctat	ctctcatatc	tgcaagagaa	acctaaaatg	2100
ttaatatattg	agtgttaagt	attttacatct	ttttgtgttg	gttttttaaat	gcacaagtac	2160
ccctgaatgg	ctcaaaggga	tgggataatg	ctagaaacac	taacttgcaa	taaagtgcag	2220
ttttcatgca	aacttagcca	tcagttttct	tcttttagat	aggtatccac	agtccatatg	2280
gacttttttt	ctgatctatt	tttgggtgac	ttgaagatgc	ctcttctgtg	gcagcttttag	2340
ctgatttttg	tattggcttt	gctacagaat	tatttagagct	aaaagctatg	cttcttttgct	2400
gggtagggtt	ttcattggga	tttcgagttc	catcttctgt	taccttttcc	gacagctaga	2460
cagggttaaga	aaaagtgtaa	ttttaaaaca	catacccttg	gtttctaaat	cctatatata	2520
aaaatagcct	aattgtaaac	aaaatttagc	tgtagacaca	aaaatcaact	tggatctaac	2580
agcctaagta	acagaactat	tgagttttcc	ccttaacaaa	actgatttaa	tattaggctt	2640
aagacactct	tcccataatt	attttacttc	cctgctggca	aattttaaact	aattttttta	2700
tcagttttct	caggttgaat	caagttcact	tttgaaatgt	aaagccacat	cagaaaatac	2760
gttttaagaa	actaaggcat	ttgccagtta	ggcacctaata	cgtctgaaca	aagaccttgt	2820
ctactaatac	tgagcaaacc	cacatctggg	cccaattaca	cagattcatt	tagatacagc	2880
attttttttt	ttttaagccc	ccgagacggg	agtcttgctc	tgtcacccag	gctggagtga	2940
aaagtacagt	gcaatttgct	aatgcacatc	ctgcacattt	ctggagaatt	ataataaaact	3000
tatctgcaag	tgaagcaggc	ctcctcttct	gtaatctctc	aaaacatttc	aggctttgca	3060
ccattacttg	atacacctat	tccacggcct	gtttcttttg	ctgaagggaac	agttctgaga	3120
ctagctggca	agtcaatgtt	ggttggtcct	agagtttcgc	tgcattgggt	tttgctatatt	3180
ctaacagctc	cattcgatct	ttttcactta	agcgaaaggg	ggtntctncc	gcgacctcgt	3240
cctgga						3246

<210> 7517  
<211> 2343

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (261)...(1713)  
<223> similar to gi5823965 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7517  
ggtggagtga cagccggagc ccgggcgcgc gcgcggggct cggtgacagc ggaggcggcg 60  
gcccgggcgg gacgagggag cggccgcggc gccgacggcg gccgggaagg gcggacgggg 120  
cgggcctccc tgggtggcag gggccggagc aggcgggag cagggtggcg gcacagcttg 180  
cgggccaggc acccgaactt gcgacaagtt gccggagccg cggggcgcgg gcggcggaca 240  
gattgacctt gagcgcagg gagccagcgc cggcagccac catggcgtca cgcatagggg 300  
tgccgatgca gctcatgcgg gagcaggcgc agcaggagga gcagcgggag cgcagtcagc 360  
aacaggctgt catgcattac atgcagcagc agcagcagca gcaacagcag cagctcggag 420  
ggccgcccac cccggccatc aatacccccg tccacttcca gtcgccacca cctgtgcctg 480  
gggaggtgtt gaaggtgcag tccctacctg agaatcccac atcctaccat ctgcagcagt 540  
cgcagcatca gaaggtgcgg gactacctgt ccgagacctt tggaacaagg tttgctgccc 600  
acatcagccc agcccagggc tctccgaaac ccccaccagc cgcctcccca ggggtgcgag 660  
ctggacacgt gctgtcctcc tccgctggca acagtgtctc caatagcccc atggccatgc 720  
tgacattggc ctccaacctt gagagggagt tggatgatgt cattgacaac attatgcgtc 780  
tggacgatgt ccttggttac atcaatcctg aaatgcagat gcccaacacg ctaccctgt 840  
ccagcagcca cctgaatgtg tacagcagcg acccccaggc cacagcctcc ctggtggcg 900  
tcaccagcag ctctgcccct gcggacctga cccagaagcg agagctcaca gatgctgaga 960  
gcagggccct ggccaaggag cggcagaaga aagacaatca caacttaatt gaaaggagac 1020  
gaaggttcaa catcaatgac cgcataagg agttgggaat gctgatcccc aaggccaatg 1080  
acctggacgt gcgttggaac aagggcacca tcccaaggc ctctgtggat tacatccgga 1140  
ggatgcagaa ggacctgcaa aagtccaggg agctggagaa ccaactctgc cgcctggaga 1200  
tgaccaacaa gcagctctgg ctccgtatcc aggagctgga gatgcaggct cagtgccagc 1260  
gctccctac cacctccccg tccggcatga acatggctga gctggcccag cagggtggtg 1320  
agcaggagct gcctagcgaa gagggcccag gggaggccct gatgctgggg gctgaggtcc 1380  
ctgacctga gccactgcca gctctgcccc cgcaagcccc gctgcccctg cccaccagc 1440  
caccatcccc attccatcac ctggacttca gccacagcct gagctttggg ggaggggagg 1500  
acgagggtcc cccgggctac cccgaacccc tggcgccggg gcatggctcc ccattcccca 1560  
gcctgtccaa gaaggatctg gacctcatgc tccctggacga ctactgcta ccgctggcct 1620  
ctgatccact tctgtccacc atgtcccccg aggcctccaa ggccagcagc cgcgggagca 1680  
gcttcagcat ggaggagggc gatgtgctgt gacctggct gccctgtgc cagggaacag 1740  
gggcggcctt gggggctggg agggccaggg gcacctccct cccacccttc aggtgcact 1800  
gtgtgtgaag tagccacctg ccctgcctcc ctccctcccc ttggcccctg tttggactta 1860  
gtgcctgtct ggcagcctgt ggggtcagga gaagcacccc cagggcagcc cttttgactg 1920  
gcgcagtggg aagaggcctt cagccccctt cccggagatg gaatcgcggg gcaggaggg 1980  
gcagggtgtt cttaaaggta gaagagggcc tgggtggagt tccctgtctt ctgagcccga 2040  
gcccctcatt accagtgaga ggacatgctt gaggggttcg ggaagctcct catctgaggc 2100  
aactggctct ggggggtgct aggcctgcct ttttgggact cagatggcag gaggtccacc 2160  
ccgcagcctg gtctcggct ctcccacagg tgggcacccc ccactttggt gctaataagct 2220  
ctccaccagg tgggtgtgagc gcgggggctg ccagaagcgg gaggggtcac tgccggaaga 2280  
gcagctgccc tccgaccctt cactttgtgc cttagtaaa cactgtgctt tgtaaaaaaa 2340  
aaa

09453723 "042100

<210> 7518  
 <211> 1322  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (280)...(681)  
 <223> similar to gil710243 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7518  
 ctgaggggaga gactgaggtg catcagatgg cagtggtaac caaaccagtt cccttgccgt 60  
 ggggtggggac acaggagaag cacggaagca tctggaactg agcaatcagg acaggaggct 120  
 caagcctggg tgagtcagga gtccgggggc tttcttttca tccaacccat tgtctgctgg 180  
 tgtctcggca aaagccagcc agccagccgt ggcccttcac cgttcttcag actctagggg 240  
 gagcccagcc cagcgacaca acagaaacca agtgccacgg gggccgggtgt cctccaccag 300  
 cattttctcct ctgggtcacat ctacgtcctg atgggacttc tccctcctcc ttggaccatc 360  
 agcttttacag tccagaccac cctgcagcca cccggtgggc tcccagctgc cccagtctcg 420  
 ggcaggatgg cttttgagcc tgttgggaga gaccttgcca ggagaatggg gccaggggca 480  
 ggcaagagga cacagactct gggagctaga agagttgcgg cccagggggc caggccactc 540  
 ccagaggaca ggaggcccaa aagcggggaa aggtccatg ttacgggtggc cccatgctgg 600  
 gagtttgtgc tgccttctgt ctccctgact gcccaagcgt ggggtgggtgt ggggcaggag 660  
 gcatcctctg gtgttcccta gcagcccagg ctgtgtgcag gggctcccat tttgtgtctc 720  
 agctgcaaga aggccacaaa gggaggaggg gctcatggga ctgctgagaa gaagggtgtgc 780  
 agaaaggag tggtggcccta gatcagtcct ttaaaaagcc tctgttacct gaaaggagggt 840  
 caagcagaga ggaatggctg cgtgtgtgtc ctaccgggca ggacaggaca gagggagggtc 900  
 attgttacac acacatcccc cctcctttcc tccctccctc ccacttccct gtgaaggcct 960  
 gaggcaggct gtggccaggc tcaggccctg actgtggggg acataccagg gagggccacg 1020  
 cctccccaca gacgggggtg agtggtcagt ggagccagca ccctctgctg cgttcagcat 1080  
 ctccgcctgg agccagctgt cccctctctc tcaggctcca tccgaacaaa aggaaggcag 1140  
 agcctgagat ccggcacccc atccccctcc actcagcact gagttagagc tgggtggggg 1200  
 catgtctgcc ttcacacgct gccttatggc ttctgtgtct ccaacagccc tcagcctctg 1260  
 gctgctctcc ttcccaatag tcacaagatt taccatgata ataatagggt aagacttgaa 1320  
 aa

<210> 7519  
 <211> 1682  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (40)...(1299)  
 <223> similar to gi6010114 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

<400> 7519
tccctggctc gcctcgcgcc tgccggcgga tccgtgggtca tgccaacca gcagccggct 60
gcgccgagta ctctgtgcccc caaacccctcc cggagtctct ctggctcact ttgtgccctg 120
ttttctgatg cagactcggg atccgggatg aaggcggagc tccccctgg gcctggggca 180
gtggggaggg aaatgaccaa agaagaaaag ctgcagcttc ggaaggaaaa gaaacagcag 240
aagaagaaac ggaaggaaga aaagggggca gaaccagaga ctggctctgc tgtatctgca 300
gcccaatgtc aaggcccaac cagagaactg ccagaatcgg gcattcagtt gggcactcct 360
cgggagaaaag ttccagctgg tcggagtaag gccgaacttc gggctgagcg tcgagccaag 420
caggaggccg agcgggccct gaaacaggca agaaaagggg aacaaggagg accacctcct 480
aaggccagcc ccagcacagc tggagaaacc ccctcaggag tgaagcgtct ccctgagtac 540
cctcaggttg atgacctact tctgagaagg cttgttaaaa aaccagagcg tcaacagggt 600
cctacacgaa aggattatgg atccaaagtc agtctcttct ctacacctacc ccagtacagc 660
agacaaaact ctctgaccca gtttatgagc atcccatcct ctgtgatcca ccagccatg 720
gtgcgactcg gcctgcagta ctcccagggc ctggtcagag gctccaatgc ccggtgtatt 780
gccctgcttc gtgccttgca gcagggtgatt caggattaca caacaccgcc taatgaagaa 840
ctctccaggg atctagttaa taaactaaaa ccctacatga gcttcctgac tcagtgccgt 900
cccctgtcag cgagcatgca caacgccatc aagttcctta acaaggaaat caccagtgtg 960
ggcagttcca agcgggaaga ggaggccaag tcagaacttc gagcagccat tgatcggtat 1020
gtgcaagaga agattgtgct agcagctcag gcaatttcac gctttgctta ccagaagatc 1080
agtaatggag atgtgatcct ggtatatgga tgctcatctc tggtatcacg aattcttcag 1140
gaggcttgga cagagggccg gcggtttcgg gtggtagtgg tggacagccg gccatggctg 1200
gaaggaaggc acacactacg ttctctagtc catgctggtg tcccagcctc ctacctgctg 1260
attcctgcag cctcctatgt gctcccagag gtaagtacag agggaaaagg ctccaaagtt 1320
ggcgttgaaa aggtgtagta gtatagacat aatctcacct tcccaaagtt acagttttgt 1380
ttttgttttg agataaggat ggagtgacg gacgtgatca cagctcgctg cagtcttgac 1440
ctcctgggct cgggtgatct tcccacctcc gcctctgagt ggctgggact gctggtgtgt 1500
gccaccatgc ccagctagtt ttttattttt cttgtagaga tgggatatcg ctacattgcc 1560
caggctggaa ctctgggct caagcagttc ccctgtctc ggccctccaa agtgctggga 1620
tcataggcat gagccactgt gccagccac aattatttta acatattaga attatatagc 1680
cc

```

```

<210> 7520
<211> 1136
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (399)...(644)
<223> similar to gi4981903 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7520
ggcggcgccc atgtaacccg gtccgtgccg caaagcgaac gggggccgcg gcgcgggccc 60
cgcggggggt agaggtcacc atgctgaggg tcgctgggag gacgctgagt ttgattcgga 120
cccgggcagt taccagggtc ctagtacctg ggctgccggg cggtgggagc gccaaagttc 180
ctttcaacca gtggggcctg cagcctcgaa gtctcctcct ccaggccgcg cgcggatatg 240
tcgtccggaa accagcccag tctaggctgg atgatgacct acctccttct acgctgctca 300
aagactacca gaatgtccct ggaattgaga aggttgatga tgtcgtgaaa agactcttgt 360

```

```

ctttggaat ggccaacaag aaggagatgc taaaaatcaa gcaagaacag tttatgaaga 420
agattgttgc aaacccagag gacaccagat ccctggaggc tcgaattatt gccttgtctg 480
tcaagatccg cagttatgaa gaacacttgg agaaacatcg aaaggacaaa gccacaaaac 540
gctatctgct aatgagcatt gaccagagga aaaagatgct caaaaacctc cgtaacacca 600
actatgatgt ctttgagaag atatgctggg ggctgggaat tgagtacacc tccccccctc 660
tgtattaccg aagagcccac cgccgattcg tgaccaagaa ggctctgtgc attcggggtt 720
tccaggagac tcaaaaagctg aagaagcgaa gaagagcctt aaaggctgca gcagcagccc 780
aaaaacaagc aaagcggagg aacccagaca gccctgccaa agccatacca aagacactca 840
aagacagcca ataaattctg ttcaatcatt tctttctgtc ttgaagaatg ataggagaga 900
tgatggggct ctttttggcc tgaagaggag aaggaattta ttctttcatt cagctctgag 960
atcccagagt tttctgaggc agagtccctg cctcaccac cagaggatac acactcatga 1020
catgcctccc acacactcat acaacaagt acctgtcatc caggtgatgt gtgtcagtg 1080
aggcaagaca gagcatgtga cagcacagtg gaagtgtggc cggctgggta ggaaga 1136

```

```

<210> 7521
<211> 1028
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (902)...(285)
<223> similar to gi2650133 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7521
tttttttttt ttaaagttaa ttaattttatt gattcatcca ttccataaat gtgagctcct 60
ttgaatgtta tccttgtctg ggggatctgt gccccaggc ctggcgggct gtcacaggcc 120
aaggcctccc cacaggagcc ctgtgggttac agagctgcag gctcaaggag cccatggggtc 180
agagaggcaa ggctgggctg ctggtttgct tcaggctgta gggggtgagt ggggtggaggc 240
aatgggagcg gcccttgcc ccagcttgcc tcagctcttg gagtaacgcc tctgcagcga 300
ttcccggtag aaacggaaga cgtgttgcca agcggcctgg gccgcagcca ggcaactgctg 360
gagctcagtg tctgagtaga gccccttggg gctggacatc agcagcttcc gttccacgct 420
gtccagggca aaggtcagga ctgcccgggc ctcttttct tgcttgatg taggatccag 480
cacgagggtc ccatcagagt ccagggcgca ggcgacccca cagaagagag cccgcatggg 540
cacacctgca tccaccaatg ccatgcaggc ggcattcaga caacaggcca ggagagagcc 600
ggcatcgctg acaacctgca gcaccacggg gatggagggt cgggggtgca acgtgcccag 660
caccaccgcc tcgcacgtgt tcctgatcag ccgctcccgg ctcttctctg caacaccagg 720
cagcccaatc ttcggcctca ggatcacttc gagtgtggcc ttgttgaaaa tctctttgct 780
gaccttcacc tcggccggcc cgtacacacc cgccaggaca gaggtgtcac cttgcaggaa 840
ggaagcagag ccatctggcc gcgacagcag gttctgttcg caggcaaagt gccggaggct 900
gcagccagga ccccgagggc tggaccctgt tccattttca gcacggattt tggcgtcagt 960
atgcactctc tcctccatcg cgccgagccc acgtgcggct gcagttgtca cttccgcgga 1020
cgcggtggg 1028

```

<210> 7522

<211> 2618  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2619)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2562)...(352)  
 <223> similar to gil050517 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7522

tttttttttt	ttaaaggtat	caaaggcctt	tattgattta	attttccttt	caacttatca	60
atgctatcac	aaattctaag	gaaacaggac	ttgggcaaaa	ttttttatta	tgaagataca	120
gatctaagaa	cagaaggata	attatgtgct	agcttatata	tagttccttg	taaaaataat	180
gatacatgaa	aaattagtag	aaaatgaaaa	tctgcagtta	tctgatatct	gaaaatgtta	240
agcaatttcc	cctgcatctt	agttctaata	acttttgtag	aataatcaag	catatttggg	300
tgaagagagt	atttaaatgat	tccattttta	ttaaatagtgt	agtgtgccct	tcagagcttg	360
gcgtagtctt	taagaatcat	ctgaagtttc	tggctcagca	tgatgttccc	tctggccttc	420
agcctgccac	taaagaatgc	cttctgaggg	tcaagcttgc	ccaggaccac	ctccatgaaa	480
tcttcatctg	aaagtatgat	tggtgtatca	gcagcacctt	ttgcagggcc	ttggtacact	540
tttccagaac	cacttttccag	gtcaaatagtc	cacttagccc	caatatattcc	gcctttgggt	600
atatgccact	caaatacacgc	atttactttc	ttcaccacct	caggcccaat	atcctttagg	660
cggcgtccta	tttctcctcaa	tacaaaggta	ctctgaagct	tcccgccttc	agagggtgtc	720
ttagctgaag	taccagatgt	tggtgcaaga	tccacatatg	catttgaaat	gacaatgtct	780
ccagtttctt	ggaccttgggt	ttgaaaatga	attctgtttc	cttccttcca	catctcagtt	840
tgtagagttt	gtcctggata	tactggtttt	gcaaaacgag	ccttaattgc	cttgaatctt	900
gacacatcat	tatctgcaaa	ctgctgtaac	acacgcctgg	cagaaaaatcc	aaatgtacat	960
aatccatgta	atatgggctt	gtcaaaacct	gctagactag	caaagttagg	atcaatgtgt	1020
aagggattcc	agtctccact	gaggcggtac	aaagcagcct	gattaagaga	ggtggtatct	1080
gtaagtacag	catcaggagg	tctattaggt	atggctacag	ctaccttgac	tttgtctgat	1140
gtccgttttc	caccaaagcc	tccagagcca	acaagaaaga	gagagaactg	attgtggcat	1200
ataagttcct	tctcagaata	agaatagaca	tccataataa	tcactacacc	ggatccttta	1260
tctaggacat	cagcaacaac	tgcttcacat	tttaattttc	ctgctctggg	aagtggttta	1320
tataactcta	agtactgctc	tccatgaaga	acctttgcaa	agttgattga	aagtccagga	1380
atctctgcta	atcctccacc	catcatagat	ttctgacctt	tgataactcc	gaaggtgggc	1440
aaacaggaga	aatcagaact	tccttcataa	ataaattttc	aatcttttgg	atccttgatt	1500
gacgctccca	ctccaagggc	atacataata	gcttccagtt	ccgtataagc	ataagaaaat	1560
ggagggagtt	tctggccaat	agctccagca	aatcctgatg	ttgctgtaga	cggtgcacga	1620
ctagtatgat	ttgctgaaac	tcctccttct	gaatctatct	tactcagaac	ttcaattata	1680
ctgccagttg	attcttggat	actctgaggc	ttgctggcat	tctcaaagtc	acagatcttc	1740
ttccagttag	ccttgactgc	ctcaggagtc	attgggtgat	tcttttgtct	tacaatagct	1800
ccaagagtcc	gctcccagcg	taattttcca	atccatcctg	ctccaacctc	aaacaagcca	1860
ccattctcct	cacaactctc	gtgacaaaagc	caaaggacaa	gaggtgccac	atactctggc	1920
ttcagggctt	ccacaagatc	ttcaggcata	actgtctgag	tcatccgtga	tcccgcatta	1980
ggagcaatgg	tggtacaatg	aatgttgctt	ttcctgcctt	caattgcaag	agaatttgca	2040
aggcccagaa	gacccaactt	tgcagcacta	taattggcct	ggccaaagtt	gccatatatt	2100
cctgaagctg	atgaagtcac	aataatcctt	ccatacttct	gtttcttcat	gtgttcccat	2160
gctgcccgtg	tcacttgga	tgaaccccg	aaatgaaactc	tgtggattat	atcccagttc	2220
tcatcactta	tcctagcaaa	ggaacgatcc	ctcagaattc	cagcattggt	gaccacaaca	2280

00488753.012100

tctattcttc	caaaagcadc	cagggctgtc	ttcacaacct	tctctccttc	ttccactgaa	2340
tcatagttgg	ccactgcttt	tccacctctc	cttcttattt	cttcaacaac	cttatcagca	2400
gctaaggagc	ctttaccaac	tcctttgaag	tccctcccca	aatcattcac	aacaactaac	2460
gctcctcttt	ctgcaaaagc	cagggcatag	gctcggccca	atcctgcccc	cgcgccggtg	2520
accagtacca	cccgcccgtc	gaacctcagc	ggtgagccca	tgaataaggc	ctgcaacgac	2580
acacacacga	acaagcagag	ccgctggacg	cgacntgg			2618

```

<210> 7523
<211> 1887
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1759)...(1324)
<223> similar to gi3264583 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7523						
gcgtcgacga	gaccgagtct	tgctctgttg	cccaggctgc	tgagtgcgga	tgccgcgcatc	60
tccgtctact	gcaacctcca	cctcctgggc	tcaagtgatt	ctcccgcttc	agcctcccga	120
gtagctggga	ttacaggcat	gcgccaccac	gcccggctaa	tttttgattt	tttagtagag	180
acgggggttt	tccatgttgg	tcaggctggg	ctcgaactcc	ggacctcagg	tgatccacct	240
gcctcagcct	cccaaagtgc	taggattaca	ggcgtgagcc	accgtgccgg	gcacgtttcc	300
tttaaagagc	tttttttttg	tttatttttt	gagacggagt	ctcactctgt	caccagggct	360
ggagtgcagt	ggtgcaatct	cagctcactg	caacctccac	ctcctgggct	caagcgattg	420
tcctgtctca	gcctcctgag	tagctgggat	tataggcaca	caccatcatg	cccagctgat	480
ttttgtattt	tttagtagag	atgggggttt	caccatgttg	gccaggctgg	tctcaaactc	540
ctgacctcag	gtgatccgcc	tgccttgggc	tcccaaattg	ctgggattac	aggcatgagc	600
caccacaccc	agccagatgc	tgtagcttcc	aaactaactt	tcctaagtta	actttatatg	660
tatatgtaca	catataaatt	ttctaagctt	tcaaatgttt	tggaataaaa	acaattattt	720
tgcaaatcct	caactgggca	gatgggttgg	gtctgaaata	gaaataaata	aaagcaaagc	780
aaacaaaata	ttccaaagtg	atagagaatg	tccacaagct	acttaacaac	atgaattcaa	840
ggtagagtga	aaaaccagtg	gtcttccctc	tcattctcag	gtcaataatt	tagaaaaaat	900
cccttcagtg	ctactaagct	tcaggctttg	taatgaggac	tgaaaattcc	aggggaaagg	960
aagagaaaag	gaaaggaaaag	aatgagtgct	atgcaaagat	caacatatca	ttttattaat	1020
tctgattcct	tttatcatgt	gcttttttat	acaaagcact	ttcaaataca	ttacattatc	1080
ttaaatttat	aataggagtt	tctttcggat	tcagtttaaa	aatgacaaat	agcattcggt	1140
gtgcccaagt	tagaattaca	ccaaaattac	catgtgctgg	cacataccat	catcccactg	1200
gtggctggaa	aactgggttg	caggagtgtc	tgtcactgag	atgggccacc	acccagtggt	1260
ccatatggta	gagatgaggg	aaggatggac	tagaagcaag	ctgggtcttc	tggtgcgtct	1320
ctactccttt	ttcacttcat	caccgttttc	ccactgagc	ttgaacacag	gaatctgctg	1380
accatccttg	agctctaaaa	agacctcgtc	aagggtgccac	ctctgaaagg	ggccacctct	1440
ggatgagtgg	acgtagagaa	ggccctctga	tttgatccca	gagacaggaa	tcttcaactt	1500
ggcatcaaca	atgtccacga	agttttccct	gtcgatgagc	ttgagataat	ggatgttgag	1560
aggagggccc	agagcttcct	gtgcctcggg	atggctctgc	agctgctcca	ctgccaactt	1620
gtaatatata	gccctggaat	gaaacttttg	aatgaggtaa	tacacaatgg	caaagcccc	1680
ggcatagaac	acaccgtgga	aaaggatcct	tgctcccaga	ggcattgacc	gcctgcttcc	1740
tgcatacttt	tgccacatca	tagcacaact	ctcttgaaaa	tcatacaagg	caagttgtcc	1800
tgtgagcaac	agaagcacca	cgctacaaag	agcatgacga	gttcttccag	gcttggggaaa	1860

&lt;210&gt; 7524

&lt;211&gt; 2811

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (324)...(2232)

<223> similar to gi4902608 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

&lt;400&gt; 7524

ggtgtgactg	aagaaatata	aaatgtttcc	ctagtaagac	agcaactcag	gactctagga	60
tggaagaagg	tgtctgaccg	taaattacac	ctgcagtgc	accagcagac	taatggggat	120
gaggttctgg	tacaagatga	tgaacaccag	tatgtcagac	aatgacttgg	gagctggaat	180
caaggacatg	accaagagca	gcaagaacaa	aaggagact	gacacattga	tcactttctc	240
aacctttgat	ctcttgagag	gatggttcac	atgttgagta	agacagggga	gtttgttttc	300
agaatgacat	actagtctgc	aggatgaatt	tcataactga	cattgcacct	tggactgcaa	360
ctaggacttt	cactggaatc	agagaaaagag	ttttgaagaa	aactgggcat	aggctcagca	420
aaaccaaaca	gaagaggaac	agaaaaagaa	acaaaaagca	gaacagtcag	aatagaatca	480
tggaaggaaa	ctcattagaa	ttcttaagt	atcttacacc	gggagatcag	gacccatctc	540
agagtgaaga	ggaagacatt	gaaaagacca	gaagagaatc	agaatatccc	ttcattgatg	600
gtctacaaaa	tgaagtcgga	gattttgtga	ctggatataa	agaaaaaaga	tggaaaaaata	660
aagatcctaa	agacagtttc	caaaacgtta	tgtctatagt	tgaattagac	aacacaccaa	720
agaattacct	ctctaaggaa	ggtgataact	tgtttgtaag	tttgttactg	aggccaaatg	780
aaatctccgt	tacttgtcca	atactgactc	aaaacctttc	ctgtgtaaca	actgatgact	840
gctctggcat	gaaggtagaa	aagcatatta	gaaataggca	taccatagca	ttagacaccc	900
aggacctttc	tgcggaact	tcatgcttat	ttatgaagaa	gagagaaata	gtagataaaa	960
atctctcaca	tgaacccatt	ctgtgccatc	aacatggaat	cagaatgtca	gataaagttt	1020
taagagagga	acaagtgtat	acaactaaaa	tcaatcactg	ggcttttttc	acaaccaatt	1080
tatctgatga	agatttacag	ctgggctctg	acagacagcc	ctattttggg	agctggcctg	1140
caggacctca	taagtttata	tgtgaacaga	gaccaaagaa	agatagagca	tgtaagttgg	1200
ctggtcctga	cagcaggggg	caatggattc	aatgatctt	cacttcgggtg	gcagcatcag	1260
aaccaggaaa	caatccagaa	atattgacag	acaaactact	gataggaaat	gaagattttt	1320
cacctccacc	tgaaactatg	gattcattca	tagaaacaaa	cctcttcaga	agctgcttac	1380
ctcaaccgga	tataccaaag	aatgccttag	aatcaacaaa	aaataagaaa	aggaggaaga	1440
aaaggatttt	caatttggtg	ccaaattttg	acttattagg	acagagtcgt	atcggtgtaa	1500
aagaaaggga	gaaatgtgac	ctgttaacaa	aaaaccatgg	actaaaaatt	actttgggag	1560
aagaaaaaga	tagaatttca	gaaaggaaca	gtgaagagga	gaataaaca	aaacttatga	1620
cctttgatca	tcattccattg	tggttttacc	ttgatattat	caaagctacc	cctttaaata	1680
ttgatggaca	gcgttattct	cattgcctgt	catttaacag	actaagggtgc	tctgcatctt	1740
tatacaaaaa	ttatattcct	tcttttgtgc	tacataattt	atctagtatt	tggaagccat	1800
cttttacaaa	caagaaactg	tttttgactt	tcgaatctca	gacaagagta	ggtaataaac	1860
taaatgatgc	agggtttatt	tctccagaaa	ttttacatag	tcattcctgat	acttcgtgct	1920
ctttgggagt	cacttctgat	tttcactttt	taaatgaaag	gtttgataga	aagctgaaaa	1980
gatgggaaga	acctaaggaa	ttaccagctg	aggacagcca	agacttaaca	agcactgact	2040
accgttccct	tgagctacca	ttatcacaag	ggtttgcttt	tcaattagta	aagctttttg	2100
gatctccagg	cgttccaatg	gaatccttgt	tgcttgatga	ctatgtgggt	ccccttgact	2160

100-44362-11

```
<220>
<221> misc_feature
<222> (1)...(827)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (556)...(426)
<223> similar to gi3150527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<210>	7526
<211>	2393

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (280)...(2301)  
 <223> similar to gi4138922 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7526

tttcgtgcta	acctcgcagc	agagaggagt	tgagggcgat	gagagcgggt	actgcgaact	60
gccgggcgat	gctgtcgtcg	ccgccgtgat	acggagagca	acagttcccc	agcaacaccc	120
ctccccgaca	caggcacaca	ccccccgaca	ggcacgcaca	cccacccccac	agtgtcccggc	180
tcggctgcgc	ctcctctatt	ggcccaggaa	gcccacccag	ccccgccacg	cagagcccag	240
aaggaaagaa	agcctcatgc	ctgagccgag	gggagcacca	tggatctgac	aaaaatgggc	300
atgatccagc	tgcagaaccc	taaccacccc	acggggctac	tgtgcaaggc	caaccagatg	360
cggctggccg	ggactttgtg	cgatgtggtc	atcatgggtg	acagccagga	gttccacgcc	420
caccggacgg	tgctggcctg	caccagcaag	atgtttgaga	tcctcttcca	ccgcaatagt	480
caacactata	ctttggactt	cctctcgcca	aagaccttcc	agcagattct	ggagtatgca	540
tatacagcca	cgtgcaagc	caaggcggag	gacctggatg	acctgctgta	tgcggccgag	600
atcctggaga	tcgagtacct	ggaggaacag	tgctgaaga	tgtggagac	catccaggcc	660
tcagacgaca	atgacacgga	ggccaccatg	gccgatggcg	gggccgagga	aaaaaaggac	720
cgcaaggctc	ggtacctcaa	gaacatcttc	atctcgaagc	attccagcga	ggagagtggg	780
tatgccagtg	tggctggaca	gagcctccct	gggcccattg	tggaccagag	cccttcagtc	840
tccacttcat	ttggtctttc	agccatgagt	cccaccaagg	ctgcagtgga	cagtttgatg	900
accataggac	agtctctcct	gcagggaact	cttcagccac	ctgcaggggc	cgaggagcca	960
actctggctg	ggggtgggcg	gcaccctggg	gtggctgagg	tgaagacgga	gatgatgcag	1020
gtggatgagg	tgccagacca	ggacagccct	ggggcagccg	agtccagcat	ctcaggaggg	1080
atgggggaca	aggttgagga	aagaggcaaa	gaggggcctg	ggacccccgac	tcgaagcagc	1140
gtcatcacca	gtgctagggg	gctacactat	gggcgagagg	agagtgccga	gcagggtgcca	1200
ccccagctg	aggctggcca	ggccccact	ggccgacctg	agcaccacag	acccccgcct	1260
gagaagcatc	tgggcatcta	ctccgtgttg	cccaaccaca	aggctgacgc	tgtattgagc	1320
atgccgtctt	ccgtgacctc	tggcctccac	gtgcagcctg	ccctggctgt	ctccatggac	1380
ttcagcacct	atggggggct	gctgccccag	ggcttcatcc	agagggagct	gttcagcaag	1440
ctgggggagc	tggctgtggg	catgaagtca	gagagccgga	ccatcggaga	gcagtgcagc	1500
gtgtgtgggg	tcgagcttcc	tgataacgag	gctgtggagc	agcacaggaa	gctgcacagt	1560
gggatgaaga	cgtacgggtg	cgagctctgc	gggaagcggg	tcctggatag	tttgcggtg	1620
agaatgcact	tactggctca	ttcagcgggt	gccaaagcct	ttgtctgtga	tcagtgcggg	1680
gcacagtttt	cgaaggagga	tgccctggag	acacacaggc	agacccatac	tggcactgac	1740
atggccgtct	tctgtctgct	gtgtgggaag	cgcttccagg	cgagagcgc	actgcagcag	1800
cacatggagg	tccacgcggg	cgtgcgcagc	tacatctgca	gtgagtgcaa	ccgcaccttc	1860
cccagccaca	cggctctcaa	acgccacctg	cgctcacata	caggcgacca	cccctacgag	1920
tgtgagttct	gtggcagctg	cttccgggat	gagagcacac	tcaagagcca	caaacgcatac	1980
cacacgggtg	agaaacccta	cgagtgcaat	ggctgtggca	agaagttcag	cctcaagcat	2040
cagctggaga	cgcactatag	ggtgcacaca	ggtgagaagc	cctttgagtg	taagctctgc	2100
caccagcgct	cccgggacta	ctcggccatg	atcaagcacc	tgagaacgca	caacggcgcc	2160
tcgccctacc	agtgcaccat	ctgcacagag	tactgcccc	gcctctcctc	catgcagaag	2220
cacatgaagg	gccacaagcc	cgaggagatc	ccgcccgaact	ggaggataga	gaagacgtac	2280
ctctacctgt	gctatgtgtg	aaggggaggcc	cgcggcgggtg	gagccgagcg	gggagccagg	2340
aaagaagagt	tggagtgaga	tgataggaag	gactatgaca	aataaaaaaa	aaa	2393

<210> 7527  
 <211> 1689  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (253)...(697)  
 <223> similar to gi4883435 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7527  
 ctgggggtttg ggggaccgag ccgctccggg ttcgggatgc tgaggagacc gcgggcccgc 60  
 gccagcctcc cacacacaca cactctcccg gcgcctcggc cggccgggcg cgggtgtgcag 120  
 ggggtgaggcg gtgtctccag gctgaggagg gacgcggagg aggggtccggc gcggcccccg 180  
 gactggaggg tgagtccttc acaaaggcg gagcggggct gtcacctgga gatcacggag 240  
 ggaagtcat ccatgagctc ggatttccca cattacaact tcaggatgcc taatattgga 300  
 ttccagaatc tgctctcaa catatatatt gtgggttttg gtactgctat atttgtcttc 360  
 atccttagtt tactcttctg ttgctacttg attaggctaa gacatcaagc acacaaagaa 420  
 ttttatgcct acaaacaggt tatattaata gagaaagtaa aagaattgaa tttacatgag 480  
 ctctgtgcag tgtgcctaga agacttcaag cctcgagatg agttggggat ttgcccattgt 540  
 aagcacgcct tccacagaaa gtgccttatt aagtggctgg aggttcgtaa agtgtgtccc 600  
 ctgtgcaaca tgccagttct acagctggcc cagttgcaca gtaagcagga ccgtggaccc 660  
 cctcaggggc cccttccctgg ggcagagaac attgtatagc ttaccgcaag gatcagactg 720  
 ttgttggaac cgacgtctgt gtggagccag gaggaacaca tgtgggtgtct gtatggtgc 780  
 tctctacctt ggacaccagc tgccacttct tttgcctcat gaagaactct tggggccagcc 840  
 aaactgggaa cctaggtgtc tgggtcttgt gacaaccaa gcacttttg cactaccccc 900  
 tgcccagagag aagaggagtg ggatgagcct gcgggttttg cctcaaggaa acttcatgag 960  
 ggtctcttac taactccatt acactctctc tcctggagcc tcatctccat gtcaagcagg 1020  
 agggtaaaaga agggaaactaa gagcaggtct ttcaagccac acccccacct gcggatggat 1080  
 gggtttctct gtaggccatg caggcctttg tcgcagcaaa ccttcccagc agcccttgag 1140  
 ccaagtaaaa ccagcacaac cagccaccag tggttggtga ggcagtggcc acaaggctca 1200  
 tgttgatgct ctttgataag gccatcttgg ctttgagtag cagtgttccct cgtcacccat 1260  
 ttccccctca ggattacaac acctgctatc aaatcatcta agctgaaaac atgagatgcg 1320  
 cttggaaagg cctagtcaag agccatttcc tcttatcatt tccctctcct atgcaccagt 1380  
 aaggcccgtc cagagcccca gcaggagtg ggccctgagt ccacactgtc cctgagtgat 1440  
 ccaggaggct gccacatcc ccacatgtgc actgtggttc cagtgtagct gctgtgagcc 1500  
 cactgccact gcctcagaag ggagccactg tgaacctctc gactggctcc aaagagcagt 1560  
 ggctttttga gaatggcca tacttctggc ccggctggat gaagggaatg ccgacccttt 1620  
 ggctctctcc cctccttcca tctcttctct ctcttgcctt atctctcttt ctacttcaga 1680  
 aaaaaaaaaa 1689

<210> 7528  
 <211> 2483  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (2414)...(267)  
 <223> similar to gi5739208 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7528
tttggacaat gaaatccttt taattgaaaa gtatatataa aatggcttta gacataaaa 60
ataagtatth tacattatth cttctgttat atttttacgc tttgtgccag aattttacttc 120
ttgcaactat tcttgcttta tctggaacag tttactccgt tattgaatat ctattagtgt 180
ttaatataga agagcttaat aaaccgctaa tccgaaaata atggatttcc cttgcttttc 240
agaccttttt gctgaatatg cttatthtat tccaatgtgg aaatctgatc ctgttctctt 300
ccactctgcc agcagttcct tttgtactgc ttctggtagt tcatagaaaa cttgaggatc 360
aatgtcagaa gggaaagtaa ttttctcatc aacagaatct ggctctctat tttctgtaag 420
tccttcatga gagtctgttg ctactgtttg cttatggcta tctgtagtgt ggthttctgga 480
gaaaagtthc tcactctgca agtttggaag tgaatgaaaa gcagacacag cagggtttga 540
atthgtaaa tggaatcctt gaggttcttt aggtccttga cttattcgtt catctthtaa 600
tctattatct aaataatatg aataatcctt ttggctagac atgtaagaag aactactgct 660
attaaagcct gatgttccc gttcacaagg agatacagag gatacctgtt tgctactgga 720
taaagtatct ctaggattta tgggaatatc ttgcatttgt tthttagaaa agaaagataa 780
tactctctta gaggcattga atggacaact cacacttctt ttcccttgaa atthttccct 840
agatthttca gaaaggattt cttcttgaat atctactgga agctgcttga agacttcttg 900
gtcaacacct tcaggaagtg aacagagtgg gaattcatta atgtctthtt ctttagaaaa 960
atthgtggta tctagtggag actccctagt tcttgactt tcaattcttc cacttggtag 1020
gaaatcccgg tthgtthctt tgtctthggg aaaatcttcc atatgagtgt cthtcattht 1080
aaaactgtgc ttgccagagc gtgaagtagt tgataatgat ggcattaaat aataatcaat 1140
aagcccttht ttagcagtat ttagtgctth aaggttgca ggcacacac ttagaagggt 1200
aaggtgaaat ggcattctta cattcaccat atthcgaaaa agthttcata gtatatcaac 1260
cattggggtc atcacatcat aatthtctgt ccctaatttc tgaattacat gtgaaggat 1320
agggcactga cgactctcac gaccatagt cttctcagag gaataccgac ggattattaa 1380
tctcactgta tgaggcttcc thtcatcttg gcataatctg thtaaaagac tagcaagtag 1440
thcttcaatc thattthtag cthcaacttc agatgaacat ththtaaatg aatcttcttc 1500
actaaaggac tgaggtggtc ctgagagtat cacaggggag thtctctctc caaaactgag 1560
ctthttggata cgctgagcaa ctgaaatttc taattcttht tctaaaattt tgggtgaaaa 1620
ggthttggaga tcacgcacac tattgatacc cagtgttca agacatttg cagthttata 1680
gccaatacca ggtatthcct thatgtgatt caaactatga ataagatgtt gacaacttht 1740
aggtataaag actgtthgtt gatttggtth aaagacacca gaaactaatt ttgccaacag 1800
thtattagaa gccactccag cacagccagt gagccccaac tgattataca tggcttccc 1860
catctctgct gcaatctgag atccaacaag tagtctgat tgcaagacgt caagcaggt 1920
tatagactga thattgtata catgacccga cacagtcacc gcagaaagt catcacttht 1980
cagctgctgt agtctcttct caaccatttc tgttagatcc acaaaattth catcaaatcc 2040
aagtctctca acaactggac taaattcttc cagtaattct gtaaccttat aagacatttc 2100
tctgtagcgg gtcaggctct ctccattaac taataccaac tgtggacact thtctthtgc 2160
atctctgaca thcataagtt tcttaactcc aagthtctta gcttcatagt tgcaggtaac 2220
caccaaatat thctgttgaa cccctaaagg thtgtcttht agctctggat ttgagatcat 2280
thtactthgt gcataaaagc aatccagatc cacatgtact atgactctgg atgaagcatt 2340
tggtgtgggc aacacttgat catgaactcc ctgcgagctg gctgcgcgcc ccacgtccgc 2400
cagthtccatg gccaggcct cggcgtcttc ctgctgctcg ccgcgcctt cctcctccgc 2460
ctccaccccc agcttctacg aaa 2483

```

<210> 7529  
 <211> 3568

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (198)...(2017)  
<223> similar to gi4768831 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7529  
tttctgtctga ggtggcagca gggggcgagg cgcgcagcgc tatggcagag ggcagcgagg 60  
aagtgggtcac agtgtctgcg accgggggctg ccaacggcct caacaatggg gcaggcgagg 120  
cctcggcgac gaccagcaac ccgctgtcgc gcaagctgca taagatcctg gagacgcggc 180  
tggaacaacga caaggagatg ttagaagctc tcaaggcact ttcaaccttt tttgttgaaa 240  
atagtctgcg gactcgaaga aattttacgtg gagatattga acgtaaaagt ttagccatca 300  
atgaagaatt tgtaagcatt ttcaaggaag tgaaggagga acttgaaagc ataagcgaag 360  
atgtttcaagc aatgagcaac tggtgtcaag atatgacaag tcgcctacag gcagcaaagg 420  
aacagactca agattttaata gttaaaacca ctaagcttca atctgaaagc caaaaattag 480  
agataagagc tcaagttgca gatgccttct tatccaagtt ccaactgact tctgatgaaa 540  
tgagtcttct tcgaggtaca agagaaggac ccattactga ggattttttc aaggcactgg 600  
gaagagtaaa acagattcat aatgatgtca aagttctctt gcgtacaaat caacaaacgg 660  
caggttttaga aattatggaa cagatggcct tacttcaaga aacggccttat gaaagacttt 720  
accgatgggc tcaaagtga tgcagaacat tgacacaaga atcatgtgac gtatctccag 780  
tattgacaca ggcaatggaa gccctgcagg acagacctgt cttatataaa tataacctag 840  
atgaatttgg aacagccaga agaagtacag ttgttcgtgg atttattgat gcgctcacia 900  
gagggggccc cggaggtaca cctagaccac ttgaaatgca ttctcatgac cctttgaggt 960  
atgtaggaga tatgttggct tggctccatc aagctactgc ttctgaaaag gaacaccttg 1020  
aagctctctt aaagcatgta actacacaag gtgttgaaaga aaatattcaa gaagtgtgtg 1080  
ggcatatcac tgaaggtgtg tgcaggcctc taaaggttcg aattgagcaa gtaatagttg 1140  
ctgaacctgg ggcagtttta ttatataaaa tttctaactc cctcaaattt tatcaccata 1200  
caatcagtgg tattgttggg aatagtgcac ctgcattatt gactaccatt gaagaaatgc 1260  
atttgctaag caaaaaaata ttcttcaata gcttgagtct tcatgcaagt aaattaatgg 1320  
acaaggttga actcccacca cctgatcttg gaccaagttc tgcactaaat cagacactca 1380  
tggtgtcgcg tgaagtttta gcattctcag attcttcagt tgtaccatta gatgctcgtc 1440  
aagctgattt tgtgcaggta ttatcatgtg tcttgatcc tctctacag atgtgtactg 1500  
tatcagccag caatttaggc acagctgaca tggccacttt catggtcaat tcactatata 1560  
tgatgaagac aacattagct ctatttgaat tcaactgacag acgtctggaa atgctactg 1620  
ttcagatcga agcacatttg gacacactta taaatgagca agcctcttat gtttttaacta 1680  
gggtaggcct gagttacatc tataacactg tacagcaaca taaacctgaa cagggtctct 1740  
tagctaatat gcccaacctc gattctgtga cactgaaggc tgcaatggtt cagtttgatc 1800  
gttatctgtc agcccagac aacctattga taccacagct gaactttctt ctaagtgcc 1860  
cagtgaagga gcagatcgta aaacaatcta cagaattagt ctgcagagcc tatggtgaag 1920  
tgtatgcagc cgtgatgaat ccaatcaatg aatacaaaga tccagagaac attcttcacc 1980  
gatcgccgca gcaagtgcag acgcttcttt cctgattatc ttatttcatt gtgttagcaa 2040  
aatatgacct ccctaaaaca ctgaaggtta ttttttattc tttgaatttt tactctataa 2100  
tttgatagtt acagttttct ttgtatcata agattgtaag tcccagataat tttttttttt 2160  
ttggtctcag taacagggaa gtaagtaaca tgttgacctg agctagtatt gctgggtatc 2220  
tactctaaag gagatgatct atttttttgc tagccatctt tccagctctg cagttttcac 2280  
tgttttcagg aagcataaag tagtatgaaa ggtttgaaaa atttttttta caaaactagt 2340  
tctaaattaa cagcttataa aaaattggcc taaatttaat aattagtata aggatagac 2400  
ctaataaatg tctccttacc taaagattca tttgctttct tttaatatga gtaggcatac 2460  
ttagtagctt ttctgaacct agcctatgtc tctgtcccca aaatagctgc ccttaaagag 2520  
ttgttagcag agagaaaaat aacagtgaat gtgctcctgg tgtatatggc agtgaatctc 2580  
ctttctgttc tacttttagc tactatatat atttgactgt gtacattctt atgcaatttt 2640

00433725.013100

aagtatacac	tcagcaataa	ttagaaaaaa	aggagagaga	aaagtgattt	aaacagggtg	2700
gattccactc	tgtgggagcc	ttcgatggaa	ctcaagggtg	agctcagcct	ttccaatgag	2760
ctctaagcat	gtagatagcc	tgagctgtgt	ctaagcctgg	tgtttaaaga	tgggtatttg	2820
tcatacaata	tgggtcctaa	atccaaccaa	ctacacattt	tatctggtgt	tcaaaccaaa	2880
gaaacaatga	tctactcaaa	cattggagaa	aaaaactgcc	agaggaggag	ttgccaattg	2940
gcagtgtgtc	ttatctccat	gttgtaactg	gactctgact	ttagaccatt	acctattagg	3000
aagattaaaa	atgactgtat	ttttaaagga	ataaatccca	gtgtgcctga	tttgacattc	3060
ttgtcagcaa	aaaaaaactt	aatttctagt	aaatctataa	aaatggggta	agtcacctaa	3120
ttacaaatga	gaaaattgaa	ggcacaaggg	aaaaaaataa	cctagtttgg	aaatattttg	3180
gaaaagtaat	aacataaaac	tagtatttgt	agaagattat	gtgttgata	taacaaatta	3240
gtattttatag	aatatgacct	atztatctga	agttttataat	tgtttatacc	taatacagtt	3300
ctttttggag	taagaatgat	tatataatcc	gttatcccat	ttgggtataa	atcctgtatt	3360
tttagttttt	tccctttgat	tagtatgtgt	tacatataaa	gacagaaaat	aaagtataaa	3420
tcaagagcct	aaattgtata	taattttatt	ctacagagaa	agaagattga	taccttgcta	3480
tgagtgaatt	cctttgtttt	atagggaaaa	tttattgtgc	tttttacctg	gttttttcaa	3540
ataaaatatt	aaaatattaa	aaaaaaaa				3568

<210> 7530  
 <211> 1941  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (242)...(1322)  
 <223> similar to gi4096339 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7530						
gcggcacacc	tctccttttg	gcctagcagg	gccagagaaa	gacggaatca	ctctaccac	60
tcagcccga	gaaatagggg	agtggggggc	caagaacgag	aagacgagaa	cgcgtcgccc	120
tgcgctatgt	cagaatgggg	cgggtgtgag	gggaacagct	ctcttgcgat	cagctcagga	180
gtatgagcct	cccggaggac	ggcatgagtt	ctggacactt	caggagtcct	cagctagtga	240
catggtcgat	atggataaac	tcataaacia	cttgagggtc	caacttaatt	cagaagggtg	300
ctcaatgcag	gtattcaagc	aggctcactg	ttctgttcgg	aacagagatc	cccctgagat	360
agaatacaga	agtaatatga	cttctccaac	actcctggat	gccaacccca	tggagaaccc	420
agcactgttt	aatgacatca	agattgagcc	cccagaagaa	cttttggtcta	gggatttcag	480
cctgccccaa	gtggaaccag	ttgacctctc	ctttcacaag	cccaagggtc	ctctccagcc	540
tgctagcatg	ctacaagctc	caatacgtcc	ccccaaagcca	cagtcttctc	cccagaccct	600
tgtggtgtcc	acgtcaacat	ctgacatgag	cacttcagca	aacattccta	ctgttctgac	660
cccaggctct	gtcctgacct	cctctcagag	cactggtagc	cagcagatct	tacatgtcat	720
tcacactatc	ccctcagtca	gtctgccaac	taagatgggt	ggcctgaaga	ccatcccagt	780
ggtagtgcag	tctctgcca	tgggtgtatac	tactttgcct	gcagatgggg	gccttgagc	840
cattacagtc	ccactcattg	gaggagatgg	taaaaatgct	ggatcagtga	aagttgaccc	900
cacctccatg	tctccactgg	aaattccaag	tgacagtga	gagagtacaa	ttgagagtgg	960
atcctcagcc	ttgcagagtc	tgcaagggact	acagcaagaa	ccagcagcaa	tggcccaaat	1020
gcagggagaa	gagtcgcttg	acttgaagag	aagacggatt	caccaatgtg	actttgcagg	1080
atgcagcaaa	gtgtacacca	aaagctctca	cctgaaagct	caccgcagaa	tccatacagg	1140
agagaagcct	tataaatgca	cctgggatgg	ctgctcctgg	aaatttgctc	gctcagatga	1200
gctcactcgc	catttccgca	agcacacagg	catcaagcct	tttcggtgca	cagactgcaa	1260

```

ccgcagcttt tctcgttctg accacctgtc cctgcacgc cgtcgccatg acaccatgtg 1320
agccgcacag gtcacactag agaagctgcg ctggatatctt tcctggtcgt gtgctgaggt 1380
tgggacaatt ttttcctctt ttgacttcag cttgcataatg gggttgaagc agcccactgg 1440
agccaagtgt agggagattg gaaggaaaag agagctgggt cttcccgtgg ggctttttca 1500
tatttcttac cttcacttct ccaactgtcca gaccctgtttt tttcaacctc cacatggggt 1560
gaattccagt gtggcacccc atggctgccc ttcccctatcc ccccctgcc tctgaaatag 1620
gacatttttc cctacagtaa caaacagga atcaaaactca aggctgtgaa caaacatacg 1680
ctgcttttatt ctttccaatt tttctcttgt tttctaagaa ctcttatcca tatgttttta 1740
aaataagtac ctaaaagtgg tttgatagtg tcctaaacga cttttttaac ttcctaaatg 1800
gaaagagcat aacaatgtag ttgattggta agatttacag ggatttggtt tctgagtttg 1860
aggcacattc ccagtgaata agctgagtc cataccacac tcaaaagggt ttaataaatc 1920
taatcctatt tcttcttaaa a 1941

```

<210> 7531

<211> 2909

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1594)...(689)

<223> similar to gi5823554 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7531

```

tttttttttag tgctaaaata taacatttta tgctcacattg ttgggcgact cccattttact 60
ttttccatat atacagtga gacttacaat agctcacaat gcagttaaga attgcatttt 120
aataatctca aactaccatc taatggagga aagaataagt ttgtcagaaa accagtacag 180
ccattttgct attaaaattt tcctttttta taattttattt aaataaggta tttgaagcag 240
tttagaaaaa acaagatttg tattttattt ccttgtaaaa atctttacac atgcagacaa 300
accagtgtta agaaagtatt caccatcatt taacaaaata accacttaaa tagaacagtg 360
tctgcaattt tatctgtata aaaataagat acattttttac agaattcacg ctccagttct 420
tatagcaata aacaatacac aactataata aagtacaatt gaacctgacc atggttttta 480
attagatact gctagggcat tttaatgtgc aaaaaaatta acatagttct tttcaaaaaga 540
aactgtcctc agtgttctag agacctagag ggtttcaaga aatcaaatcc taatcagttt 600
gcgtttaatg tttttgattg agtccataga tcacactgta gataggcaaa accaagaact 660
gatgcaggct caaaggaaga gaaagtcagc gcctgtgcct gccatgtcct gagcgactgc 720
caccatgggt cttgctttta tgggacctct caaaggagcg agatcgttca cgcctgtccc 780
tatgatgtcc cctttcatgc ctgtgtttct tggctgcac tgagtgatcc cgagacttgc 840
tctgagatcg agaacgagat tttttccttt tatgaccatg tctgtttgaa ctttttaaat 900
catctctggt atgcttggcc ttaaggtgag gagaaccatg attatgatgt cttcgagggc 960
tttcaactgtg actgcgggac ctgcttcttg atctcgagct gtatgttcca gatcgactcc 1020
gcctattatt atagtgtctt cttggagtat gtgatctaga acgtgatcgt gttcttgacc 1080
tcgatcgact tgcacttctg ctatttctac ttctcttgct gtcttttctt acaccattgt 1140
aagggctttt ggaagcctgt tgtctatcct caggttcttt tttgactgtc ttcacattaa 1200
tggagattgg tgatttctct tcagctttta cttctcttgg tgatgatggc ttggaggctg 1260
gagaaaaatc acccaggggt gaaagggtg gagttccatc cggattcaat ccctttgctt 1320
ttaatttggc ttcttgtaag gctacttttc tttttctac ttcttttcc agtaattcat 1380
agtttggtt ttttctggta taaagcctaa gtgtttctat gcagatttcc tggatttctt 1440
cttctgtagt accaaaaaga agaaaccaat ggggacgagt tggcaacgga atctgaagtg 1500

```

```

ctctagctgc aaggtagatg caagcacatg ctatagtctc tggttgaaat cgaacaaaca 1560
cattgggttcg aagactgtca ttcatgtaat tcctgaaaaa tatttcaact ataagcttgc 1620
atgtaaacaa accagttctt ctgaagctta cataaaattg gagactcaat ctactttatt 1680
cttttttctt ctcttattta tattcacatc ctcatattct agcatataac aactcttaac 1740
tcaaaaaaat cagtaagcaa taagaattta atactaggac catatgcatg tttcctatat 1800
atgagcgaag ccctttttaa ttatttcata ttacaatcca aactagaaat tactcctaaa 1860
aagttaatat atttctgtaa aaagcaatgc ttttcaaagt caattctgac acgattagtt 1920
tcagaaatga taaaccactc caataatact tcaagccatt aattactgac catctctcct 1980
ttatccacaa taaaagcagt gtcaaccaag ttcttttcaa aagctcaaaa taccgttaac 2040
aggggtaaaa aggcatthtt agtaagtacc aagttaaact tatattaaga aagctaagat 2100
acttagaaaa tctagatagg gaaataaaga gcaataaaca catataatgg ccttggtttac 2160
ataccttttt tgtgactagg taaaagagat aaactatttc agttaaaaaa ttgctgaact 2220
tttattaatg aaccctcccc acaacatttc taaactatca aagaaatttt acagatcatt 2280
taaaaggtta agctgaaatt aaatggacta tttcttaaaa atcctaaacc atgagaactg 2340
ctataatcca ttttatgcaa cacatactta aaatgtcatg cattttataa aaataatgag 2400
acttttctaa cattacaaat atttactgag tccaaaagaa gcatggcagt cataaaaagg 2460
acatcttgct gggaagccca gaatataaaa attacttcac taagtccttc acatcaatag 2520
tcttaggaaa cagtagttgt ggctgaacca caaactcctt ggcttgacct ttaaataagc 2580
cagcactcca aatcacacat ctgcatctca agaagtccaa gtgctaaagc atttaagcaa 2640
tattatagta acatctcttt taaaaatgaa gtgcttcttg cttctaatat tattaccgcg 2700
aatacagcca agcagttata taaattaagc cagtgtggga actggtgccc attttaagct 2760
gcaagtttgt cgtctccttt ggtagtattc atgctataca cactaaaaat aaaaatttag 2820
tcaaactcct aataaaccat ttaattcata atggtctgac aacaaatcta tcaaaaatga 2880
actattcatt ttgatagtta caagtatac 2909

```

```

<210> 7532
<211> 1359
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1360)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (492)...(333)
<223> similar to gi5679460 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7532
tgaattgcat atgaaaatta tagttttattg tctatacaac tgaaggttta actcggactc 60
ctgcttctgt cggagctgta taaagaagca attcttctct tagaacaaat aagcacagta 120
cactattgta atctaagaaa caggcactat ttatgtattg gaaagccttg ctctcaatag 180
ggctaacagt ccaatggccc ataagccact attttagcag ctgtagaaaa gaaagctgtg 240
gaagtcacaa ggaatgagat gctaaaagca acagagacag atgatcccaa caccagcggg 300
aggtttcaag tcccagctgc tgcccctggt agtttagcaa gcaagactcg taggttgagg 360
ccacgtactt aatgttgata aaggcatttt ctctccgta gcgctcgaag gcctccagtg 420
tctcctggat caagtcccca atgttctccc tcttctgctg gctgtagtca atgccgtctc 480

```

```

cggaggttcac attcatattc ttaaagatgt tcaggacagg gaggatttga cggtaataag 540
gcaccaaggc cttgccacc atctcagctg acacaaccag atgctggagg accttgagag 600
tgacacagat gacctgtcgg ttctcggagg tcaaggcatt ttttatcggg ataagagct 660
gtggaaggac aggtaggatc ttgttccac cgtgttccag catgtcgtgg attccttgcc 720
gagcaaaaaa ctcataaggga aatgtcattt cacaaggccc atcaaaaaac agaggcagat 780
aatgatggta atccagcttc tcaatttcta ccttccaggc gattttgttt cctttcgaat 840
catgctcaag ggcaattggg aagtcacctc gctcatagaa ttttcgaaat gctgtgggct 900
tggttggctt ttctttaaat gcccctgcag ctggaggggc tctcacgact gagtttttca 960
tcatggcttt gactgtgaaa cctcagaaa ccagagagtg aggctggtgc accgggagcg 1020
gctgttgtgc cagcagcttg gtctctctcg gcatcttctc tgggcatttg ttttaagctca 1080
gggtctcttt ttctgccacc atcttccctag aaaatgtctt gttctcataa aaagtgtagt 1140
aaaagaatca gtgggcttta cggatgtgag caggaggtct tcgcctctca cctcactggc 1200
cggtttgtgt gcggttcagg acccatcgag acccactctc tgtggggctc tttcaggaaa 1260
ccgcagcaaa gcattaaact ctaatggaag gcacctggtg aggggtggctg gctccagaat 1320
tccgccgcac aanctagtgt ctcagttnc cctccgccg 1359

```

```

<210> 7533
<211> 1084
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (81)...(463)
<223> similar to gi5771451 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7533
tgcagcaggg gcagcgcgtg cggacccggg gccggcgcgc atgcgccagc gcgacgccct 60
tggaggggtg cgtggacctc agctaccccc gcacccaogc ggccctgctg aaagtggcg 120
aaatggtcac cctgctgatt gccttcatct gtgtgaggag ctccctgtgg accaactaca 180
gogcctacag ctactttgaa gtggtcacca tttgcgactt gataatgatc ctgcctttt 240
acctggtcca cctcttccgc ttctaccgag tgetcacctg tatcagctgg cccctgtcgg 300
aacttctgca ctatttaate ggtaccctgc tctctctcat cgcctccatt gtggcagctt 360
ccaagagtta caaccagagc ggactggtag ccgagcgat ctttggtttc atggccacct 420
tcctctgcat ggcaagcata tggctgtcct ataagatctc gtgtgtaacc cagtccacag 480
atgcagccgt ctgatgaggc cacaacccct aggccctca ggagctttgc agagaggagg 540
acgtgtactc caggcgaggc ctctggacct gtgttctctg gccaaagtcc tgtcaggctg 600
gtgggcacca ggaaaggcct gcacctctt cctgctctcc cagggaagcca gctccctgag 660
ctctgagcc agccggaaac tcttctcca gccttccggg gagaacatcc ctccattct 720
gggaaaggaa agcagcctcc agggaaatgt tttctgcctt cctgcttcta gaaccacctc 780
aggtactgat gaacccact tagcacagct gaaggggttt gtgaatactc ccgcctaaat 840
cccttctact tcaactcctc ggggagtga gtgccttaag aaacaaagcc ctgtcctaata 900
ttatctagct tgtcagtcog gtcttagaga taccctctt cctgaagtga ggcgtgcctg 960
tagaaacact atgtggtcag cctgtcccca aggagatctt gtgtctctc tccatctctg 1020
cctttgttac cagtgtgcat gtgtttgtgt gttttttaat aaaatattga ctcgccagct 1080
taaa 1084

```

<210> 7534  
 <211> 3478  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2240)...(1195)  
 <223> similar to gi5912111 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7534						60
tttttttttt	ttattgaata	tatacaat	tttaataaaa	ttaatgtcat	tcaaaataca	120
gtgccagaac	atgggtcagt	tgaacatgct	agtaatgttt	gtcatgaagc	acctgtgctc	180
atggttagatt	ggcggcgccc	cactactgct	agtggttccc	gggaataaat	gccagagcag	240
cgctagtgtta	tctgctcttc	tgcacagcta	gtgcagagaa	ttcctgaaca	gttcccctta	300
ttaatcctaa	ccccacacg	cacacaacag	gttaaaaaaa	acacaccctg	gacaggctta	360
acagatctat	acacaatcac	tctacagtaa	tgcttggttat	taaattaaga	tgtaatgacc	420
tggttaaccc	actctaaatc	ttgaagatgg	agaactacat	cagcagcaga	tagttatatg	480
catgaggcca	atgttaacat	aatacagaaa	gtggaggcct	tttctgatta	aagctccacg	540
cagacccgca	caatgagtgg	ctggcaattc	ttactgcaag	cccagcaact	taagtccaca	600
cctggtaaat	gaccagctga	ctggaagacc	tgtattctag	atagacaagt	ataagttagt	660
gaaaagagaa	tacatgcacc	taatagtata	gttagactga	tcctgcagtc	atagctttcc	720
ctgtgtaata	ccataaaaatt	atggaagatc	ttcctcaact	agagtatagg	atttagacat	780
ttctatacca	acacggacat	tagtgttaa	tgtagttgaa	ttaattacac	tgaaaactgt	840
attccaggac	ttcagaacag	aagcacggga	atgaaacaca	catactaaaa	taacctcagc	900
acaattttgtg	atacatcaca	ctaggaacag	gaaactactt	ttataaatga	actttttgaa	960
ctgtacatac	acagggctaa	caatgttaga	taatccagat	tccttatactc	tcattgattac	1020
acataaagtt	tctcaattat	tgaataatct	atttcataatt	atggaagcat	atctttctgt	1080
aagactcact	gatatatatt	atactgatgc	aaatattaag	tagggcataa	aaataaaaatt	1140
tatcaaagat	agaattttat	gtactcatat	ttagttcttt	catagcctct	tttgtttagc	1200
aaagaaaatg	acaaagcaca	taactcaggc	gtgcactccc	tgaacttccc	cactatacag	1260
gtggtagtgc	aaccattttct	ccatccagtt	caaactcttc	tgtcccatcc	gttgaaaaaa	1320
gataagttgg	tggtttccat	ggagactctt	caaggcagga	tggatagagt	ttccccacag	1380
tgcatcgaaa	atctctcccc	aagtcccaca	gtacacgttc	agatatatgc	tgccgcagag	1440
accaccggtc	aagttccagg	tcattattggt	aggtgacgta	tttagctcgc	tcatttaagt	1500
gggtttctcg	cataaacaca	catagagaat	ttgagatcac	aacagctcta	acacaggggt	1560
cagagtacct	cttagcaggg	atgttggtcg	ccattttcca	ctcattttta	ttcacatcat	1620
aaattttccac	agttactgaa	gacccatcta	cagtgccaga	ggggagtctt	atgccggaat	1680
tggtagcaat	atgcaaccct	ccaatataga	aaattttatc	acaaaagct	gcagctgaag	1740
caaaggacct	actagtctgt	ctcatggcca	tttctaccca	tgagtcagac	cttggaataat	1800
aacagtacat	gaggttcagt	gtcatcacat	aaatgcagtc	atgaaccaca	actgctgcac	1860
tccattgcc	agcacaaggt	aaagggtcta	ccatcgtcca	ctcatctttc	tcagtgtcgt	1920
atctttctac	ggtcctccga	ttaagttctc	cacctacgct	atctcctcca	attgcataga	1980
tatagccttc	acagcaaacc	aaagatggct	ttatgcggac	aaaaagcatt	ggggtctttg	2040
gaaaccagggt	attttgctgt	gcatcaaacc	aataaaagca	attcacagtt	ctgaaggcag	2100
tctgaagttt	gcttggttta	ctgtgatttg	tttttggtgt	tttcagagga	acttgacccc	2160
ctgctatgta	gatatcatta	tcaggagtta	caacgggtccc	aaccttatgc	aaatcagctg	2220
gtgggctaca	taacttgtaa	actttttctg	cttgggggct	gtaacagaca	gaagagtaaa	2280
gactacaagg	attttctgaa	gatgcttcaa	tgaaaatcat	catttctctc	ttagtcattcc	2340
caagtcttgg	tttgaaaaac	ttgggcatgg	acttatacag	accttgaacc	accactgact	2400
tatcattggg	tggcagacct	tgaaccaag	ctctctgtgt	tacttctgaa	agtgcacaa	

09406725.012100

ttctgatttg	gctaagaaca	gaagacaaat	actgggatcg	tgattctgtg	ttatactcta	2460
gccacagcat	agcagcttct	cgaacgggtt	cttccttttc	tacattttaa	ttgtcgctgc	2520
tgagaatata	tatcagtagg	tcatgtgaca	gctgcatgaa	cgcgtcctga	tgatacacag	2580
cagtgaactt	gtgctccacc	attcttttag	ccctctgttt	taattcctcc	caactgaaga	2640
gatcagcaaa	actcaacaat	cgtacacaat	tctctgcatt	tattttttta	attaaatatt	2700
ctcgacaacg	ttgtaacaca	tcttctacct	gtaggaagca	agctgtttca	taaagctggt	2760
ctacagtgtc	gtcattcatt	gccaaagtac	ccgtgtatgc	ataagttatt	attatctgta	2820
aggtggcagc	atcgacattc	ctcaggtgta	catgggtttg	tttgctttca	cttagtccac	2880
tcataaacat	ggccctgaaa	taagagctac	atgttgcaag	aaccatctta	tgacaaggga	2940
attcagtgcc	ctcaacaatt	aacactatgt	cagtaaacia	ctgctgttca	taaaacagtt	3000
tcaactgttc	caacaatgac	acagcatatt	cagtattgat	ctgcctctcg	tcttgagtgg	3060
acatgactgt	attccattaa	tatctccagg	aacagattag	aaaagtccgt	cttactgatg	3120
gaaggtcaag	tgaatacttc	agaaataaaag	gagaacctac	ttgctgttat	ctgcagcatt	3180
cagtaccaag	actgacacat	tactaatga	gtaatatctt	gttacacaga	cttagaatca	3240
ctcctaggtc	atcctgtgtt	aattagggtt	ttcagagttt	ttcaacacag	tctgcagaca	3300
ttgtgctcaa	atctgcaatt	gtgcagctca	tgagtgaag	agaaaaatac	acgaggtaga	3360
ttttgtggca	acatcctatg	ttcagcggat	cctgtggagt	aaccgcgtcc	ctcgggtccg	3420
aggtgtggga	tccgctccag	ccggtggccc	cgtccacact	gggcccctcc	ggacgaaa	3478

<210> 7535  
 <211> 908  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc feature  
 <222> (238)...(609)  
 <223> similar to gill22441 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7535						
gtgactgaga	gcaacaagtt	tgacctggtg	agcttcatcc	ccttgttgcg	agagaggatt	60
tactccaaca	accagtatgc	ccggcagttc	atcatctcct	ggatcctggt	tctggagtcg	120
gtgccagaca	ttaacctgct	ggattacctg	ccggagatcc	tgatggact	cttcagatc	180
ctgggtgaca	atggcaaaga	gattcgcaaa	atgtgtgagg	ttgttcttgg	agaattctta	240
aaagaaatta	agaagaaccc	ctccagtgtg	aagtttgctg	agatggccaa	catcctggtg	300
atccactgcc	agacaacaga	tgacctcatc	cagctgacag	ccatgtgctg	gatgcgggag	360
ttcatccagc	tggcggggcg	cgtcatgctg	ccttactcct	ccgggatcct	gactgctgtc	420
ttgccctgct	tggcctacga	tgaccgcaag	aaaagcatca	aagaagtggc	caacgtgtgc	480
aaccagagcc	tgatgaagct	ggtcaccccc	gaggacgacg	agctggatga	gctgagacct	540
gggcagaggc	aggcagagcc	cacccttgac	gatgccctgc	caaagcagga	gggcacagcc	600
agtgggtgagt	ggactccgtc	cctacacctc	acctcctgtc	ggggggccag	ggagccagat	660
gtcataggag	ttgccttggg	gcctcactta	agcaaccagg	actactttat	gtatgtcact	720
cacacaattg	tagcagcaac	ccagcgcagt	ggcagcagtg	gttctcccc	attctgcaga	780
caggacacag	ggaagctgag	tacatgggcc	acacactcgc	agctagtga	gactggaacc	840
ggattggaac	ccaggcaggc	tgtctccagc	agccattgat	ttttaaccct	tcctgcctca	900
aagaccat						908



```

<210> 7536
<211> 1631
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1632)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (95)...(880)
<223> similar to gi3413293 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

001210 "543460

```

<400> 7536
gcgcgcgtga gtccgcccc ccagtcacgt gaccgctgac tcggggcggt ctccactatc      60
gcttacctac ctccctctgc aggaacccgg cgatatgget gccgctgtgc cccgcgccgc      120
atttctctcc ccgetgcttc ccttctctct gggcttcctg ctctctctcg ctccgcatgg      180
cggcagcggc ctgcacacca agggcgccct tcccctggat acggtcactt tctacaaggt      240
cattcccaaa agcaagttcg tcttggtgaa gttcgacacc cagtaccctt acggtgagaa      300
gcaggatgag ttcaagcgtc ttgctgaaaa ctcggcttcc agcgtgatc tcttggtggc      360
agaggtgggg atctcagatt atggtgacaa gctgaacatg gagctgagt agaaatacaa      420
gctggacaaa gagagctacc cagtcttcta cctcttccgg gatggggact ttgagaacct      480
agtcccatac actggggcag ttaaggttgg agccatccag cgctggctga aggggcaagg      540
ggtctacctt ggtatgcctg gttgcctgcc tgtatacgac gccctggccg gggagttcat      600
cagggcctct ggtgtggagg cccgccaggc cctcttgaag caggggcaag ataacctctc      660
aagtgtgaag gagactcaga agaagtgggc cgagcaatac ctgaagatca tggggaagat      720
cttagacca ggggaggact tcccagcatc agagatgaca cggatcgcca ggctgagtga      780
gaaatacaag atgagtgcag ggaagaagga ggagctccag aagagcttaa acatcctgac      840
tgccttccag aagaaggggg ccgagaaaga ggagctgtaa aaaggctgtc tgtgattttc      900
cagggtttgg tgggggtagg gaggggagag ttaacctgct ggctgtgagt cccttgtgga      960
atataagggg gtatgggaa aagtggtact aaccacgat tctgagccct gagtatgcct     1020
ggacattgat gctaacaatga ccatgcttgg gatgtctcta gctggtctgg ggatagctgg     1080
agcacttact caggtggctg gtgaaatgac acctcagaag gaatgagtgc tatagagagg     1140
agagaggagt gtactgcca ggtctttgac agatgtaatt ctcatccaat taaagtttca     1200
gtgttttggg taagtggacc tgaagccatt cttttttttt ttcaaattat actttcgtct     1260
atgacctgct ttcctctttg aatctaagct ggtatagact ccactttccc agggtaacaa     1320
actatcctca taacactgtg gaaactggca tacctttggt attttccagt gatattcaga     1380
ctgacatgga ttgactgtca atggtaaaagt ttgtctattt tccagtcctt aaaactcaat     1440
agcagtattg atgaatatat tgaaccaaca ttgatggacc atggtgtaat tattttccat     1500
gctttgtgag ggtacacata gcaaattctt aggttttact gatatatctt gtgacttggg     1560
tttacacagc taganttcn cgcncctgtc ctaatggtcc tttattnnngn cnctncaaaa     1620
tgttttcaaa t                                     1631

```

```

<210> 7537
<211> 1618

```

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (105)...(1546)  
 <223> similar to gi31825 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7537

gagcgccggc	gcgggaccga	gctggcgggc	ggcgggcgcg	gcttccgagg	cttcctgctg	60
cttctgccc	agcccgcg	ctcacgcgc	ccctctccc	tgccatggcc	tgaggcagg	120
agccgcagcc	gcaggggccc	ccgcccgtg	ctggcgccgt	ggcctcctat	gactacctg	180
tgatcggggg	cggctcggg	gggctggcca	gcgcgcgcag	ggcgccgag	ctgggtgcca	240
gggcccggc	ggtggagagc	cacaagctgg	gtggcacttg	cgtgaatgtt	ggatgtgtac	300
ccaaaaagg	aatgtggaac	acagctgtcc	actctgaatt	catgcatgat	catgctgatt	360
atggctttcc	aagttgtgag	ggtaaattca	attggcgtgt	tattaaggaa	aagcgggatg	420
cctatgtgag	ccgcctgaat	gccatctatc	aaaacaatct	caccaagtc	catatagaaa	480
tcatccgtgg	ccatgcagcc	ttcacgagtg	atcccaagcc	cacaatagag	gtcagtggga	540
aaaagtacac	cgccccacac	atcctgatcg	ccacaggtgg	tatgccctcc	acccctcatg	600
agagccagat	ccccggtgcc	agcttaggaa	taaccagcga	tggtttttt	cagctggaag	660
aattgcccgg	ccgcagcgtc	attgttggtg	caggttacat	tgctgtggag	atggcaggga	720
tcctgtcagc	cctgggttct	aagacatcac	tgatgatacg	gcatgataag	gtacttagaa	780
gttttgattc	aatgatcagc	accaactgca	cggaggagct	ggagaacgct	ggcgtggagg	840
tgctgaagtt	ctcccaggtc	aaggaggtta	aaaagacttt	gtcgggcttg	gaagtcagca	900
tggttactgc	agttcccggg	aggctaccag	tcattgacct	gattccagat	gttgactgcc	960
tgctctgggc	cattggggcg	gtcccgaata	ccaaggacct	gagtttaaac	aaactgggga	1020
ttcaaaccga	tgacaagggt	catatcatcg	tagacgaatt	ccagaatacc	aacgtcaaag	1080
gcatctatgc	agttggggat	gtatgtggaa	aagctcttct	tactccagtt	gcaatagctg	1140
ctggccgaaa	acttgcccat	cgactttttg	aataaagga	agattccaaa	ttagattata	1200
acaacatccc	aactgtggtc	ttcagccacc	cccctattgg	gacagtggga	ctcacggaag	1260
atgaagccat	tcataaatat	ggaatagaaa	atgtgaagac	ctattcaacg	agctttaccc	1320
cgatgtatca	cgcagttacc	aaaaggaaaa	caaatgtgt	gatgaaaatg	gtctgtgcta	1380
acaaggaaga	aaagggtggt	gggatccata	tgaggggact	tggtgtgat	gaaatgctgc	1440
agggttttgc	tggtgcagtg	aagatgggag	caacgaaggc	agactttgac	aacacagtcg	1500
ccattcaccc	tacctcttca	gaagagctgg	tcacacttcg	ttgagaacca	ggagacacgt	1560
gtggcgggca	gtgggaccca	tagatcttct	gaaatgaaac	aaataatcac	attgactt	1618

<210> 7538  
 <211> 2356  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2015)...(1417)  
 <223> similar to gi3881914 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7538
ttgtaaatga cattacatct tttgtattat ccaatacaca gtagatactc agaatttact 60
ccaatgaatg catgttaaaa ggattttgtac agacacaaca ctcttacttt caaagagcag 120
aggaacattt tatatagtga acacatacac actgtggcaa tgtaaaacta ctttaaggaag 180
gaaaaatatc cccctcccca gccagggtact gagacctggg gctaaaaattt tttgtcagtc 240
agcccccata cccatccctt atcttcgagt gaccttacca ggaaacctgg ctttgggtgga 300
aaggagagct gtggggcctg gggagcctga tgccttttct tttgggagga aaggccacct 360
gcacaatcca caggacagga gtggccagca gctatcctga gctgaggctc cagaagagtt 420
cagatccaag agagcaaggg atgaatggaa ggaaagtccc acccaccttc atgtgtaaag 480
tgattggcat ttactcaaat ctaaatctac tcctctcctc cctgcaatat accattgagc 540
atgtgccaga gtaatggttc tgaacaaaag ccaacacaga tgtcagcctg ggggcaactc 600
cagcctaagg aagcccctac agccgagccc tcagccctaa tgacttaggc agtaggttag 660
gcaggagatg tagagttggt ctggctcact gatttctactg tggaaatctt ctactagaat 720
ttgcaaagac tagatattgg ggaaaggttc attgatctta agatcccaag acacacagcc 780
tagtacctaa gaattttagt atatgtggga gacagaagtg gagaaagcta aagaattaca 840
gccatgcctc ccaaagtatt atgaaaagga gggcttgtcc aagctacctc tgggccttaa 900
ggatgagatg agggtaggag tagggggata catgcacca gcctgttgga gaatccaaca 960
tgaagactat tgtcccttga gaacctaaag caaaagtaca aggaggggaa atactgggtc 1020
ctttacctga aacaagatat gggcctcccc tgccctcag accctacagc tccttaggct 1080
ccaggcctca ggcacaagag atagagaatc atatctgagc cttttgccct tcccttagct 1140
ccaaacaagg gcaggggttg aaatgtgagt gggagagaag ggatcatcag acacactgtt 1200
tagcacctga accacatctc ttcctaaacc agaaatccca agagcagaaa gaaataggag 1260
caaagtgaga gaggggttgt gcttccatca cattaatatag gagacttcgt ggggttgggc 1320
aagggttgtt tcacatcagg acatcaatga ctctggtcaa ggtgaggggt tataattagc 1380
aaagcttcat gtgctctccc tttctttatt catcctgctt ccgtttcggc tttttggggt 1440
tccgggaccg actcttgccc ttgcaaagag ggcataatag tgcattccgg tgaatttgct 1500
ggtgacatga caagcaggcc ttcataagggt ggggctgctg cctgaagggt gccgtctgcc 1560
gagtatcctg cttcctagcc acttgagct gttgggcggc agcggctgca gcggccaggg 1620
actcagggat ggggggctcc tgaggttctg tctgccattc tgctttctgc ttctcaaagt 1680
aatccaagga aagcttctcc tcttcttcac acaagtcagg gagcctctgc aggccagag 1740
tcatgcgcag ggcatacaca tgttctttca gtggcttata ctcatcatgc agcctccttg 1800
tagactctag cagcttgttt aggtcattct cagattgttt gatagtgttt tccatcacat 1860
tgatgtcagc gtggatcagt cggagttcct ccacatgggc catcttctcc tgtagcagaa 1920
ggtccatctc ctgcttgat tcttccaggt gcctttcctc tgactcaagt gcctcaaact 1980
cagccttcaa acgagccttg atcttctcca tctgcagggt cttgttcctg caatttgcaa 2040
aaagcaggaa acaggccagc aaaagaaggg agaaaataga aatggagcca ggactttttt 2100
tctaagccat ctttacaagc ttccccctct ccaggcagag ccaacctgag gccatctcaa 2160
aaaagaaggc caggtgcaat ggctcatgcc agtaatctca gcaatttgga agacagaggc 2220
aggaggatca cttgagccca ggagtttgaa accagcatgg gcaacatagt gagaccttat 2280
atctgatctc tttaatgctt tccaatttgc acatgatttc ttgctcatct gccgcgaaat 2340
cgctgacccg gaaatt
2356

```

<210> 7539

<211> 1392

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1312)...(310)

<223> similar to gi4929589 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7539
gcaaggtaag aatcaccact catctttaat ataatgaaaa ctggaaaatc aaaaagggtt 60
atgtgaacac taagtcatgt ctgggtggtg ggatgacagg tgatttaaaa atttttcttt 120
attcatatca aattttttatt ttttctacag tatactatta gtgtgttatt taaatagatg 180
tactacttaa ataattttta tagtaaagaa gatactctaa gtaaatacat agagaaaaat 240
gtaaggaatt cccaaggcac cccagggttt gtgttaaaaat ttcagatgaa attaagtaaa 300
tgttttaggat aataccagat ccttctgaat tctcatctca tgcacttcat tttcagcata 360
ctgaggatct ctgcgagggt ccttgataatc tttcagcgtg ttaataactct ttggtggaaa 420
gagcttttca tacacttttt tccacaactc cataggtgag tgggcatgaa gctttccaat 480
gtcatttttca ggaacaggag gagatcctat ttgaccgaaa gaatccaatc ctgctgtgat 540
aaacagcggg ttatttctgat ccacacatat tgatttgctt ttgtcaatgc caaatgccaa 600
ctgggttgata actccacgta attttagtaa tagagcttct gatttactgg taaacattaa 660
tgatgctcca taataatgtg caacaaatcg aagtgtcttg catattacct ttctcttctc 720
agactcaaaa tcctgaaaaa catcatattt acttccaatt atgaccagag gtaccggaaa 780
tgggtcaatt aattcatgat cctgaggatg atccttcggc atattattcc agatcttctg 840
tctcatttca gaaactgctt tagcatttgt ctttccagat ttcattatca ctttgtctac 900
atggcttttt gtggcttgca agagattttc catggtgggc cagagatcat taggttttga 960
aagatccaga acgagaacaa gagaaaacgt ccgtaagggtg tcacctgtga tgggtatgct 1020
gattaagtcc aataaagagg ttcctccacc gagttcccaa aagtgagcga tatcttttgg 1080
tgtgttgtgc ctttttgctc ttcttccata tgtatattcc aaagctaagg ttggttttgg 1140
tgggtcatct ctgtcaagac accttagaat aatagtagtc tttcccccat ttttactgcc 1200
aatgaagaaa acagattttt ctgcaatttc agctccatca ccttcacttc cattaattcc 1260
ccttttttcc acttcagctt ttgcaatttc ccagagagtt tcaactgggc tcgtcgacgg 1320
cctggctgcc gcaaacgtca caggctcggg gtagtgaaca gcctagaatc aggcggcgag 1380
ctccgctcgt gc 1392

```

```

<210> 7540
<211> 1181
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (824)...(537)
<223> similar to gi5107076 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7540
cccccccaa aataagggtt ctttcaaaaa attcccagggt aggtttttat acggccccct 60
ataaggaaaa aagtattacc ttgcaagccc gggtaaaact tggccccccc aaggattctt 120
taaaacggcc cccctttttt ttttttttct cgtcctccac caattttatt gccatccgc 180
aggaggtgac agctcctgtg gtgtctgacc accccaact ccgaagtcca gacaagctgt 240
ccgccagaa tatgaggctg acttgggcac actaggggaa taccocaaag gcctgaagga 300
ggtgccactg ggctgccagc acttcaggaa ggcacagggc cccacacccc cgagatccaa 360
gctgcactgg ctggcagggg gcagggcggg ggggtggcgag gacacagtcc cgtgtgtccc 420

```

```

agcaccggtg ccaccctcct aagccccggg caggcagtac gtacatgcgg accccgcctc 480
tcaaagcacg tttatggaaa tgaacagggt ggggtggccc gcgctcgccg gtcacatggt 540
ggctcgttcc cgctgcagcc gcgagttgta ggcgcgagac acggtgttcc aggcgtccat 600
gtagcgttcc atgcacatgg cgatgcaactt ctgctcggag ttgtccaggg agcccccagg 660
tttccctata cacttccgga aacacttgct cgtcatcctc tgcagcagct cctgcgcggt 720
ggccacggcg atctgcaactt tcacctgctc cattatgagc cctgggtcca gcttcccgct 780
gccggagccc ccgaaatcgg agccgaagcc gccctccatg gctccgcaaa gtcaaccgga 840
ccgaggccgc gtgcgcccgc tcgtaactaa ctgcgcccga agcgggcccgc ccggggcacc 900
acgggaaacg gagtccgcgc ggacggggac ggaggactac aactcccaca cgaccgcgcg 960
cgcccgggcc attcaaggct gcgcgggggg ccctccgctc atgcggaggc ctggacctgc 1020
cgttacctac acgagctacc cgtggttgcg actccgcggg aagaggaggg ccctgacttg 1080
gccggggagt aggggggcta ctacgtgcgg ccgaggccga tcactttgta ctacgcgtct 1140
gcctccagct cgtcccgaag ggctgcccgc gcatgcgcac g 1181

```

<210> 7541

<211> 3432

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1948)...(571)

<223> similar to gil335873 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7541

```

tttttttttt ttgggtgacc attgttttta atttatgaaa tcaagtttaa cacacaagaa 60
gcctataaac actgcaatac agaaaaatta agctgctgca ttgaattctt actccaaaac 120
aatgcaaadc tgcagagagt ctctcccgtc atgggtgtga gtggaagaga gggagacttt 180
tttacctggg gttggtgggt gagtgaaaca caagggtggg agagggtttt caaatagcca 240
gagaacagaa accaatgtgc agtcaactgac acacttgacc agttaatttg cacttgact 300
tggtgtgggc tgttccgggt gtggctcctt cggtctcttt gtcttcttct tcttctgctt 360
ggagagacag ctcaaagcag actcgctctt acttgggggg cagacacaag cagggggcgg 420
gcttgccaga ctgagtggaa gagagggaga cttttttacc tggggttggt ggtggagtga 480
aacacaaggg tgggagaggt tttgcaaata gccagagaac agaaaccaat gtgcagtcac 540
tgacacactt gaccagggca gttaatttgc acttgtaact ggctgtggct gttccggctg 600
tggtctcttc ggcttctttg tcttcttctt gagagacagc tcaaagcaga 660
ctcgctctta cttggggcag acacaagcag gggcggttg ccagactgag tgggatactt 720
ggttttcttg ctctccgtaa acagtggctg ggacagcagg tggcgagct ccttcttcag 780
aaccttcata tgcttttgtc tccgacgttc ttcttgctgg tcagcttttc ctccctata 840
catgtcttct tccagctcaa tctccagggc agctgctgcc tgctcaatcc aagagtgtg 900
caggcaagcc tggaagtcc gatactcaga tttctcaatc tgctgagcta aacggattcg 960
ctccttgacc acatccatgt attttgctg cacggggaac agtgggatat cctcatctt 1020
cttgagcggt ttgtaaactc tcttaaagtt gatcacatcc tcaggcccaa tgagcatcag 1080
actgaggcct tcattggtag ctcgagcagt tcgaccactt cgggtggacat aaatctccga 1140
ggtacgtggg acctggtaat ggatgacatg ctggacttta ggaatatcca gaccccgagc 1200
tgccacatct gttgccaaga gaacacagtc ttccagacgg gcaaactgct ccaggtttct 1260
gagcctctgc ttctggtgca tacaggcatg cagggtcaag ggcatgatata caaggacttt 1320
gaggagccca gagaggcggt tgatgcagga gatactgttg gcaaacta agctgcggcc 1380
tggtactgac atcaggaagt agtacaagta gaagtctttc tcatcagttc cacaatggat 1440

```

cttgggtctct	gttagcgctct	ccaccggtggc	ctcatttcctt	gtgaggtcaa	tgaccttggg	1500
cttgccccctc	atgccaatttt	tctgcataaag	gagggtcaagt	ttggctgtttt	tatccattttt	1560
cttgggtgtgc	ttcttatgaa	ggatttcgagc	aggagcctga	tgcaccagggt	tgagtgtggc	1620
agaaaaaaca	agcgtttgtc	tctttggggtt	gtattggggag	tcattgagca	tctctagcag	1680
ctgtgagagc	tcagcaaaat	ggccttttctc	aaccatccgg	tcagcctcat	ccactaccag	1740
gcacctgagc	tgccgaaggt	tcctcaaattg	ataatgcttt	tctttaatta	attcccacag	1800
ccggcctgga	gtagcaacca	caatctcagg	acgacgggtc	agcatcctct	gctgttttctg	1860
cgtggacatt	ccaccaacca	aaatagcagt	tttaattcct	gtaaaccttg	ccacagcatc	1920
aatgtgctgt	ttgacctgga	cggccagctc	tcgagtggga	gtcagaacca	gtccaagcag	1980
aggacgcttt	ggatatgcct	tacagggtggc	gctttttgtca	tccaactcct	gttttagatt	2040
tccagtctgc	tctttatcaa	gatttttcctc	ctcattctca	ttctgttttg	gaacagggttt	2100
ctccctgac	agggaagaag	gcccttcacc	agcatcatcg	tcaccaaaga	gcaacgcctg	2160
gtctgagaca	gtgcctccag	tcttggtctc	ggcctcggt	gcaatatcac	tgggcagtg	2220
ttcactctca	attacagtat	cgtcaggcaa	tgcatacag	tcagcttcag	ccttgcttg	2280
tgatctagtc	tcagctccgg	cctcagttct	ggtctctcca	ggtggtgctt	ctgtgttact	2340
tggaggagg	gcagcattcc	tcttctgcc	ctgcaacacc	gcatgaatca	tgggtattgg	2400
aaaggcaaga	gttttccac	ttcctgtctc	agcagcccca	aggatgtcca	gtttgtcacg	2460
gatggcaggt	gccaaggtca	gggcttggat	tgggtgtggg	gcagagaagc	ctagaaagct	2520
gagtgtctcg	agaaccggcc	tgggaacaaa	caggtccttc	caagctgaca	catctgcttt	2580
ctgatcatga	acttcaggaa	tccatgtctt	cgtttttttg	ggcaccttgg	cagcagtgct	2640
ctgagaaggc	tccaaccctt	ttttcccttt	atttttcttc	ttttttggag	cagtttggac	2700
caggttttct	gatgtcatct	ccccagcctc	cggatcatca	caaaccatgt	catctccctg	2760
ggcctccagc	tcaggatctt	tcacttcaaa	ttctttctgg	gtactggttc	cttcagttgc	2820
tacattttta	cttttcttca	acttgatctt	tttctttggt	gagctagact	ttccctcctc	2880
ctcctcctct	tcttctgaaa	cagcttgtgc	ctttctcttg	ggtgcttcct	ttgagaagag	2940
actggaggga	ttcttggcag	gggagaccaa	ctggtaatct	gtcaattcct	caaagcacac	3000
caagtcattc	atctgtccat	ctgcaaacat	atttgggtca	atcttcaact	ccttccattt	3060
tcccacaact	ttgattccct	ttgtctgaaa	tttgccacag	cttgactgct	ttggccttga	3120
ttttgtgtcc	ttcaacttca	tgggtgtctga	aaaggagata	catgttctat	taggttggtg	3180
tctgagaagc	agaggtttct	gatgtaacaa	atattttcta	agcaactagg	ccctacaaag	3240
aactgaggat	acaaagatgg	ctatcacaca	gttgctccca	cctagagaag	aacaaagaat	3300
accacagaac	agacagcttt	gcctggaaca	cagggtacac	atgtgatgga	acaaagacat	3360
atgagctaga	cctggtttga	attccaaatc	caacacttac	tgccctgtgtg	accttggata	3420
gtgccaccca	ct					3432

<210> 7542

<211> 1297

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

$$\langle 222 \rangle \quad (210) \dots (1096)$$

<223> similar to gi289707 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7542

gcacgagccg	gaaaggaaggc	ccaaagcgcg	ggcggcgagg	caagatggcg	gcaaccaaga	60
ggaaacggcg	tggaggcttt	gcagttcagg	cgaagaagcc	aaaaagaaac	gaaatagatg	120
cggagccgcc	agctaagcgg	cacgccacag	cagaggaggt	ggaggaagaa	gaaggggacc	180

ggatcccagg	ccccgtttgc	aagggaaaagt	ggaaaaataa	ggaacggatt	ctcatctttt	240
cttccagagg	aataaatttt	agaacaagac	atttaatgca	ggacttgaga	atgttgatgc	300
ctcattctaa	agcagatact	aaaatggatc	gtaaggataa	gctattttgtg	attaacgagg	360
tttgtgaaat	gaagaactgt	aataaatgca	tctattttga	agctaagaaa	aaacaggatc	420
tctatatgtg	gctttcaa	tcacctcacg	gaccatctgc	taaattccct	gttcaaaata	480
ttcataccct	cgctgaactg	aagatgactg	gaaactgttt	gaaagggttct	cggccctttt	540
tgtcttttga	ccctgctttt	gatgaattac	cacattatgc	tttgttaaaa	gaactcttaa	600
ttcagatcct	tagtacacca	cggtatcatc	ccaaaagcca	accattttgtg	gaccacgtgt	660
ttactttcac	cattttggat	aataggatat	ggtttcggaa	ctttcagatc	atagaagaag	720
atgctgctct	tgtagaaata	ggacctcggt	ttgtcttaaa	tctcataaag	attttccagg	780
gaagttttgg	aggaccaact	ttatatgaaa	atcctcacta	ccagtcacca	aacatgcatc	840
ggcgtgtcat	aagatccatc	acagctgcaa	aatacagaga	gaaacagcaa	gtgaaagatg	900
tgcaaaaact	gagaaagaaa	gagccgaaga	ctcttcttcc	acatgatccc	actgcagatg	960
tttttgaac	accagctgag	gagaaaccaa	tagaaataca	gtgggtaaaa	ccagagccaa	1020
aagttgattt	gaaagcaaga	aagaaacgga	tttcaaaaag	gcaaagaaaa	atgaaacaga	1080
ggatggacag	tgggaaaaa	aaataagtca	atggaaacct	gatttgtttt	tcagttactt	1140
tatatattatt	ttgtattcaa	tgtgtaataa	cttttattat	ctaatactat	cttacgtcta	1200
attagtgtag	cattttacaag	aaagaaaaat	taagatctta	aaatcagtga	ttatcttttt	1260
ctaaataaaa	tatcaccaga	attcatcaaa	aaaaaaa			1297

<210> 7543

<211> 722

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$ 

<221> misc feature

 $\langle 222 \rangle \quad (134)^- \dots (577)$ 

```
<223> similar to gi4894946 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 7543

agtcgggccc	gcagcctcgg	ggccccgcgg	gcgcagcggg	gcgggaggcg	gggcggcccc	60
cccggtgggcg	gagcggggcg	gcccctgtga	cgcttcccc	caactcgccc	tcagccgget	120
ggccggcgcg	gccatggagg	tctacatccc	gtcctttcgc	tatgaagaga	gcgacctgga	180
gcgggggatac	acggtgttta	agatagaagt	gctaataaat	ggaagaaaac	attttgtttga	240
aaagagatac	agcgaatttc	atgctttgca	caaaaagctt	aagaaatgta	taaaaactcc	300
agaaatccct	tctaaacatg	ttaggaactg	ggccccaaa	gtcttggaac	agcgacgaca	360
aggcttgga	acatacttac	aggctgtcat	tttagaaaat	gaagaacttc	ccaaactggt	420
tcttgatttc	ctaaatgtgc	gacacttgcc	ctctctacca	aaggcagaaa	gttgtggatc	480
ttttgatgaa	acagagtctg	aagagtcaag	caaactgtcc	caccagcctg	tgctgctggt	540
cctcagggat	ccatatgtct	tgctgcgc	cagcggtaat	caaacctgtc	atctgctaac	600
agctctttac	tgatctgacc	ctgcaccaca	taaaccacgt	ttttaatata	ggtctaacag	660
agtgcattg	gtcccgggct	taataatctg	ccaataaacc	agtgtctctg	gtaaaaaaaa	720
aa						722

<210> 7544  
 <211> 2560  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1089)...(1351)  
 <223> similar to gi4210352 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7544

caattaaatt	gggtaccccc	cggtttttcc	cctccccccc	ttgttaaacc	cccgccccgg	60
gaatttaatt	tgggggcccc	aaaaaaaaaa	tttttccttg	cccgcccccg	gtagttaaatt	120
ttgggttcctt	taaacggccc	cccccttttt	tttttttttt	tggaaagcaa	ggatcacact	180
tccccctccc	tgttccttaa	tccctttttc	aaaaaggggg	gaaaatccgg	atggatttta	240
gggattggtc	tgggtgtcagc	tgtgttttat	tgcacacctt	aatcctgatt	ataggccttt	300
cattttctccg	caaagccttt	attttggcag	ttaagccaaa	tgtgttttcc	agaaagttag	360
ttatttttctc	ctctttcttt	cctttctttc	ctcccttttt	cccgtctgaa	ccccaaacgt	420
tattgtccaa	acatgaactg	gacagcagct	ttttggtttc	ttgaccctgt	aatatggaca	480
gtctgtctaat	attgcacaga	aggggtgcagt	ttttgggggt	atagtcgggtg	attttcgcta	540
atcaatcata	ttaggcaggg	aaaaaaaaatg	acttgtttct	gttgactctg	agtcttaaga	600
aaaagtgcctc	atagttttagt	gacaattttc	aaaggcttta	gtaccacctg	tatttcaaaa	660
tggggggaccc	aaactcccgg	aagaaacaag	ctctgaacag	actacgtgct	cagcttagaa	720
agaaaaaaga	atctctagct	gaccagtttg	acttcaagat	gtatattgcc	ttgtattca	780
aggagaagaa	gaaaaagtca	gcactttttg	aagtgtctga	ggttatacca	gtcatgacaa	840
ataattatga	agaaaatatc	ctgaaagggtg	tgcgagattc	cagctattcc	ttggaaagtt	900
ccctagagct	tttacagaag	gatgtggtac	agctccatgc	tcctcgatat	cagtctatga	960
gaagggatgt	aattggctgt	actcaggaga	tggatttcat	tctttggcct	cggaatgata	1020
ttgaaaaaat	cgtctgtctc	ctgtttttcta	ggtggaaaga	atctgatgag	ccttttaggc	1080
ctgttcaggc	caaatttgag	tttcatcatg	gtgactatga	aaaacagttt	ctgcatgtac	1140
tgagccgcaa	ggacaagact	ggaatcgttg	tcaacaatcc	taaccagtca	gtgtttctct	1200
tcattgacag	acagcacttg	cagactccaa	aaaacaaagc	tacaatcttc	aagttatgca	1260
gcatctgcct	ctacctgcca	caggaacagc	tcacccactg	ggcagttggc	accatagagg	1320
atcacctccg	tccttatatg	ccagagtaga	gtactgacca	gcaaaatgga	gaagatcaga	1380
gaatgcagca	gcagtttttt	ttcttgtttt	cttaccactt	tattctttca	gagtttaaag	1440
aaaatggact	catgcacaga	acactatgca	ttttgaaact	tgttcatcct	ggattttttt	1500
aaatcatttt	tatctcagaa	cttaaacaaa	aattagatgt	cgtgcacgga	ctgtgtgaaa	1560
gaagatgctt	tgcataattg	ctgcactgca	tcagtatctt	actaaaaatg	tgaaatgaaa	1620
ggactattgt	acactgaaat	gcttaaatgt	atctgaaagc	acaaggatgat	actcattttt	1680
atgggtcttcc	catttggtgct	ggttttttgcc	tctttgacat	ctgtcatcag	tatttagagg	1740
gtgagaagtg	aatgtaacag	gtataaataa	cattttttaa	aacaataact	ttgctataat	1800
cacagtgtgt	ccagagcact	gtcagataca	ttctaattgac	cagaactggg	ttaaaaaaag	1860
aaaatacaac	catgggaagg	aaatcttaaa	tgaaaaaacg	atctcattgt	aggcattttt	1920
gcctcatatt	ttactggggc	atgtttgttt	cctgggtactc	atgtattttt	tttttccaga	1980
tctctttccc	caagttgcta	ttgtaagagt	attctgctgc	gtgtggatgc	agttatacac	2040
attaaagcag	atctggagtc	tgaagtagct	ataaagcagc	tataaaacag	aaatacatgc	2100
atagctgcag	aaacatgat	aggtagagga	cttttctttt	ggttttgttt	tgttttgttt	2160
tgttttgttt	ttgggttttac	agagaagaga	tttttattac	aaagaaaaaa	attccagtga	2220
attgtgcaga	aatgctgggt	tttacaccat	cctaaagaaa	aacttttaca	gggtgttttg	2280
gagtagaaaa	aaggttataa	agtttgaatc	ttaaattgta	aaattaacca	ttgagtgtca	2340
aagttctaaa	agcagaactc	attttgtgca	atgaacataa	ggaaagacta	ctgtataggt	2400
tttttttttt	ttttctcctt	ttaaatgaaa	aaaagctttg	ccttaagggt	tgcatacttt	2460
tattggagta	aatctgaatg	atcctactcc	tttgagtaga	aactagggct	taccagtttc	2520



caattgtatt tagcttctgg ttggaatttg aaaaaaaaaa

2560

<210> 7545

<211> 1465

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (186)...(1459)

<223> similar to gi3341980 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7545

gcacgaggac	gccgagtgag	gctgaggctg	ggggcggaatc	gccgcagagc	tgcggtgtcgg	60
cggcgcatte	tgattggaca	gcggggaagc	ccgtcagcct	gttggtcccg	ctgatcccg	120
cccgtagcgc	agggcagcct	ttaaccttta	gccccagtgg	gcgccagcca	ctcagatcgc	180
ttcttggttg	tatgtgtagc	ggcagtggcc	gccggcggag	cagtctgagc	ccgacgatga	240
ggccggggac	gggagctgag	cgtggaggcc	tcatgatggg	gcaccctggc	atgcattatg	300
ccccaatggg	aatgcaccct	atgggtcaga	gagcgaatat	gcctcctgta	cctcatggaa	360
tgatgccgca	gatgatgccc	cctatgggag	ggccaccaat	gggacaaatg	cctggaatga	420
tgctgtcagt	aatgcctgga	atgatgatgt	ctcatatgtc	tcaggcttcc	atgcagcctg	480
ccttaccgcc	aggagtaaat	agtatggatg	tagcagcagg	tacagcatct	ggtgcaaaat	540
caatgtggac	tgaacataaa	tcacctgatg	gaaggactta	ctactacaac	actgaaacca	600
aacagtctac	ctgggagaaa	ccagatgatc	ttaaaacacc	tgctgagcaa	ctcttatcta	660
aatgcccctg	gaaggaatac	aaatcagatt	ctggaaagcc	ttactattat	aattctcaaa	720
caaaagaatc	tcgctggggc	aaacctaag	aacttgagga	tcttgaagga	taccagaata	780
ccattgttgc	tggaagtctt	attacaaaat	caaacctgca	tgcaatgatc	aaagctgaag	840
aaagcagtaa	gcaagaagag	tgcaccacaa	catcaacagc	cccagtcctt	acaacagaaa	900
ttccgaccac	aatgagcacc	atggctgctg	ccgaagcagc	agctgctggt	gttgagcag	960
cagcagcggc	agcagcagca	gcagctgcag	ccaatgctaa	tgcttccact	tctgcttcta	1020
atactgtcag	tggaactgtt	ccagttgttc	ctgagcctga	agttacttcc	attgttgcta	1080
ctgttgtaga	taatgagaat	acagtaacta	tttcaactga	ggaacaagca	caacttacta	1140
gtacccctgc	tattcaggat	caaagtgtgg	aagtatccag	taatactgga	gaagaaacat	1200
ctaagcaaga	aactgtagct	gattttactc	ccaaaaaaga	agaggaggag	agccaaccag	1260
caaagaaaac	atacacttgg	aatacaaaag	aagaggcaaa	gcaagctttt	aaagaattat	1320
tgaaagaaaa	gcgggtacca	tcgaatgctt	catgggagca	ggctatgaaa	atgattatta	1380
atgatccacg	atacagtgtt	ttggcaaaag	taagtgaaaa	aaagcaagcc	tttaatgcct	1440
ataaagtcca	gacagaaaaa	aaaaa				1465

<210> 7546

<211> 1048

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (53)...(645)  
 <223> similar to gi4156162 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7546  
 gcacgagccg cggtaggggtg ggaacccaag cgggagagcc gcgggatttg cggccgccgc 60  
 catgccgtcg tccccgctgc gggtagcggt ggtgtgctcg agcaaccaga accggagcat 120  
 ggaggcgcac aacatcctca gcaaacgggg attcagcgtc cgatcctttg gaacagggac 180  
 tcacgtgaag cttccaggac cagctcccga caagcccaat gtttatgatt tcaaaaccac 240  
 atatgaccag atgtacaatg atcttcttag gaaagacaaa gaactctata cacagaatgg 300  
 gattttacat atgctggaca gaaataagag aatcaagccc cggccagaaa gattccagaa 360  
 ctgcaaagac ctgtttgatc tgatcctcac ttgcgaagag agagtgtatg accagggtgt 420  
 ggaagatctg aattccagag aacaggagac ctgccagcct gtgcacgtgg tcaatgtgga 480  
 catccaggac aaccacgagg aggccaccct gggggcgttt ctcatctgtg agctctgcc 540  
 gtgtatccag cacacggaag acatggagaa cgagatcgac gagctgctgc aggagttcga 600  
 ggagaagagt ggccgcacct ttctgcacac cgtctgcttc tactgagccc agcggccgca 660  
 tggagccgcc tctggagctt cctgttgttc atactttttc ctctctgaca tttgttttta 720  
 cttacagggtg ttctgctggt gacggtagca ttacccaaat aaactgtgca tatgaaatgg 780  
 gagaggagat gccaaaacgc cagatgaaag caatcaagtt tcttcttttc cacttttact 840  
 tatgagcggg atattgatta caaagttttt cttctttaac caaaaaggaa agacaacgg 900  
 ttgtgtgcac ttcccacat acctgtgtct tcgtgtgcct gccttccctc cctcctcccc 960  
 accgggccgg actgtacaga gccctgctgc ggcgtgttag gaatgacctg gaattgtcaa 1020  
 taaacagatg ctgctgtcaa aaaaaaaaa 1048

<210> 7547  
 <211> 495  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (66)...(375)  
 <223> similar to gi3114822 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7547  
 cttcattctt cgccaggctc tctgctgact caagttcttc agttcacgat cttctagttg 60  
 cagcgatgag tgacagagt agatcaagat ccagaggaag aggagatggt caggaggctc 120  
 ccgatgtggt tgcatcgtg gctcccgggt aatctcagca agaggaacca ccaactgaca 180  
 atcaggatat tgaacctgga caagagagag aaggaacacc tccgatcgaa gaacgtaaag 240  
 tagaaggtga ttgccaggaa atggatctgg aaaagactcg gagtgagcgt ggagatggct 300  
 ctgatgtaaa agagaagact ccacctaatc ctaagcatgc taagactaaa gaagcaggag 360  
 atgggcagcc ataagttaaa aagaagacaa gctgaagcta cacacatggc tgatgtcaca 420  
 ttgaaaatgt gacttgaaaa ttttgaaaat tctctccaat aaagtttgag ttttctctga 480  
 agaaaaaaaa aaaaa 495

<210> 7548  
 <211> 1574  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (781)...(1350)  
 <223> similar to gi5923992 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7548  
 cggtatgcat ctgagatata aagaagaaaa agccacagct ccttccttcg tgatgctcat 60  
 agtctgggag aggaagaatt cagtgtcctg gcagggttaca atgggtacat ctttgcatat 120  
 gggcaaacag gcagcgggaa gacattcact atcacagggg gtgcagagcg ttacagtgcac 180  
 agaggcatta tcccaaggac actgtcttac atttttgaac agttacaaaa ggacagcagc 240  
 aaaatatata caacacacat ttcctatttg gaaatctaca atgaatgtgg ttatgatctt 300  
 ttggatccaa gacatgaagc ctccaagttt ggaagatttg ccaactcctat gaaccaagct 360  
 tcaaccggtt cccactgcat tttcaccatt catttgtcaa gcaaggaacc aggatctgca 420  
 actgtacgac atgccaaact ccatctgggt gacctggctg gttcagagcg agttgcaaag 480  
 actggagtag gggggccatct tctaacagag gccaaagtata tcaacttgc actacattac 540  
 ttagaacagg ttatcattgc cttttcagaa aagcaccgtt cgcacattcc ttatagaaac 600  
 tccatgatga ccagtgtcct aagagacagt ttgggaggga actgcatgac aactatgatt 660  
 gcaacactct ccttggagaa aaggaatctt gatgagtcta tatcaacctg cagatttgca 720  
 cagcgagtgg cactcataaa gaatgaagct gttcttaatg aagaaattaa cccagatta 780  
 gtgattaaac gcctacaaaa ggaaatccag gaactgaagg atgaactggc catgggtcact 840  
 ggggagcaga ggacagaggc actcacagaa gcagagctcc ttcagctgga aaaactaata 900  
 acatcctttt tggaagacca ggattcagac agtagattag aggttggcgc ggatatgcgt 960  
 aaagttcatc actgttttca tcatttaaag aaactattga atgacaagaa gatccttgaa 1020  
 aacaatacag tctcctctga aagcaaagac caagattgtc aagaaccatt aaaagaagaa 1080  
 gaatatagaa agctacgaga tattctgaaa cagagagata acgaaatcaa tctcctggta 1140  
 aacatgttaa aaaaagaaaa gaagaaagct caggaggctc tccacttggc tggcatggat 1200  
 agacgtgaat tcagacagtc ccagagccca cccttccgcc taggaaaccc agaagaaggt 1260  
 caaagaatgc gactatcctc agctccctca caggcccagg acttcagcat tttggggaaa 1320  
 agatccagtt tgctccaca gaaaatagga atgagagagg aaatgtcatt aggatgccag 1380  
 gaggcctttg aaatcttcaa gagggaccac gctgacagcg ttaccatcga tgacaacaaa 1440  
 cagattctga aacagagatt ttctgaagcc aaggccctgg gagaaagtat aaatgaagca 1500  
 agaagtaaaa tcggtcacct gaaggaagaa atcaccagc ggcatatata gcaagtagcc 1560  
 ctaggaatct cgga 1574

<210> 7549  
 <211> 1421  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (69)...(785)  
 <223> similar to gi5231135 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7549

ggcaattttcc	ggcgccctccc	tcacgcccgc	cctccttgcc	gcccagccgg	tccaggcctc	60
tggcgaaacat	ggcgcttggtc	ccctgccagg	tgctgcggat	ggcaatcctg	ctgtcctact	120
gctctatcct	gtgtaactac	aaggccatcg	aaatgccctc	acaccagacc	tacggaggga	180
gctggaaatt	cctgacgttc	attgatctgg	ttatccaggc	tgtctttttt	ggcatctgtg	240
tgctgactga	tctttccagt	cttctgactc	gaggaagtgg	gaaccaggag	caagagaggc	300
agctcaagaa	gctcatctct	ctccgggact	ggatgttagc	tgtgttggcc	tttcctgttg	360
gggtttttgt	tgtagcagtg	ttctggatca	tttatgccta	tgacagagag	atgatatacc	420
cgaagctgct	ggataatttt	atcccagggt	ggctgaatca	cggaatgcac	acgacggttc	480
tgccctttat	attaatcgag	atgaggacat	cgcaccatca	gtatcccagc	aggagcagcg	540
gacttaccgc	catatgtacc	ttctctgttg	gctatatatt	atgggtgtgc	tgggtgcatc	600
atgtaactgg	catgtgggtg	taccctttcc	tggaaacacat	tggcccagga	gccagaatca	660
tcttcttttg	gtctacaacc	atcttaatga	acttcctgta	cctgctggga	gaagtcttga	720
acaactatat	ctgggataca	cagaaaagta	tggaaagaaga	gaaagaaaag	cctaaattgg	780
aatgagatcc	aagtctaaac	gcaagagcta	gattgagccg	ccattgaaga	ctccttcccc	840
tcgggcattg	gcagtggggg	agaaaaggct	tcaaaggaac	ttggtggcat	cagcaccccc	900
ctcccccaat	gaggacacct	tttatatata	aatatgtata	aacatagaat	acagttgttt	960
ccaaaagaac	tcaccctcac	tgtgtgttaa	agaattcttc	ccaaagtcac	tactgataat	1020
aacatttttt	ccttttctag	ttttaaaacc	agaattggac	cttggatttt	tatttttgga	1080
attgtaactc	catctaatac	agaaagaata	aaagtttatt	gcacttcttt	ttgagaaata	1140
tgttaaagtc	aaaggggcat	atatagagta	aggcttttgt	gtattttaatc	ctaaagggtg	1200
ctgtaatcat	gaacctaggc	caccatgggg	acctgagagg	gaagggggaca	gatgtttctc	1260
attgcataat	gtcacagtgt	cctcaaatac	gcaccatttg	taataatgat	gtcaatttca	1320
tgaaaagcct	gagtgtattg	catctcttga	tttaatcatg	tgaaaacttt	cctagatgca	1380
aatgctgact	aataaagaca	aagccaccct	gaaaaaaaaa	a		1421

<210> 7550  
 <211> 883  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (347)...(816)  
 <223> similar to gil399086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7550

ggggctcctg	gctgtgggtg	tggtactgag	gcttcagcgg	gtgccgcccg	cctagaggga	60
gtggagcggg	gagcacgtca	gggggtgggg	gcgcagggtc	agctttcacc	agtttttaac	120
tctttgatgg	ggtaaatttg	agcaattttc	tcgacttgct	gacattcggt	attaactgag	180
caggaatcag	gagaggaacc	cggtcctctc	cacacagccc	agcagagagc	ctacgactag	240

```

atttgcattct ttacgtcctg cgcggaggct gctacacaca tgcagaagtc atgctgggtg 300
cctggacagt gaagggagag aagtggattt gggagacatt taggagatgg caccaaaaagc 360
gaagaaggaa gctcctgccc ctctaaagc tgaagccaaa gcgaaggctt taaaggccaa 420
gaaggcagtg ttgaaagggtg tccacagcca caaaaagaag aagatccgca cgtcacccac 480
cttccggcgg ccgaagacac tgcgactccg gagacagccc aaatatcctc ggaagagcgc 540
tcccaggaga aacaagcttg accactatgc tatcatcaag tttccgctga cactgagtc 600
tgccatgaag aagatagaag acaacaacac acttgtgttc attgtggatg ttaaagccaa 660
caagcaccag attaaacagg ctgtgaagaa gctgtatgac attgatgtgg ccaagggtcaa 720
caccctgatt cggcctgatg gagagaagaa ggcatatgtt cgactggctc ctgattacga 780
tgctttggat gttgccaaaca aaattgggat catctaaact gagtccagct gcctaattct 840
gaatatatat atatatatat atctttttcac cataaaaaaaa aaa 883

```

```

<210> 7551
<211> 1827
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (74)...(1424)
<223> similar to gi758073 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7551
aattcttgga agaggagaac tggacgttgt gaacagagtt agctggtaaa tgtcctctta 60
aaagatccaa aaaatgagac ttctagcaaa gattatttgc cttatgttat gggctatttg 120
tgtagcagaa gattgcaatg aacttcctcc aagaagaaat acagaaattc tgacagggttc 180
ctgggtctgac caaacatata cagaaggcac ccaggctatc tataaatgcc gccctggata 240
tagatctctt ggaaatgtaa taatgggtatg caggaaggga gaatgggttg ctcttaatcc 300
attaaggaaa tgtcagaaaa ggccctgtgg acatcctgga gatactcctt ttgggtacttt 360
tacccttaca ggaggaaatg tgtttgaata tgggtgtaaaa gctgtgtata catgtaatga 420
ggggtatcaa ttgctagggtg agattaatta ccgtgaatgt gacacagatg gatggaccaa 480
tgatattcct atatgtgaag ttgtgaagtg tttaccagtg acagcaccag agaatggaaa 540
aattgtcagt agtgcaatgg aaccagatcg ggaataccat tttggacaag cagtacggtt 600
tgtatgtaac tcaggctaca agattgaagg agatgaagaa atgcattgtt cagacgatgg 660
tttttgaggat aaagagaaac caaagtgtgt ggaaatttca tgcaaattcc cagatgttat 720
aaatggatct cctatatctc agaagattat ttataaggag aatgaacgat ttcaatataa 780
atgtaacatg gggttatgaat acagtgaag aggagatgct gtatgcactg aatctggatg 840
gcgtccgttg ccttcatgtg aagaaaaatc atgtgataat ccttatattc caaatgggtga 900
ctactcacct ttaaggatta aacacagaa tggagatgaa atcacgtacc agtgtagaaa 960
tgggtttttat cctgcaaccc ggggaaatac agccaaatgc acaagtactg gctggatacc 1020
tgctccgaga tgtaccttga aaccttgtga ttatccagac attaaacatg gaggtctata 1080
tcatgagaat atgcgtagac catactttcc agtagctgta ggaaaatatt actcctatta 1140
ctgtgatgaa cattttgaga ctccgtcagg aagttaactg gatcacattc attgcacaca 1200
agatggatgg tcgccagcag taccatgcct cagaaaatgt tattttcctt atttggaaaa 1260
tgatataaat caaaattatg gaagaaagt tgtacagggt aaatctatag acgttgacctg 1320
ccatcctggc tacgtctctc caaaagcgca gaccacagtt acatgtatgg agaatggctg 1380
gtctcctact ccagatgca tccgtgtcag ctttaccctc tgaacttctg atcgaaggtc 1440
atccctctcc agcttgagt gatcaaagat gacaagggcc aatggaacca agtttgagtc 1500
ttgccagggtc aatacttggg tccgtgagt ggtgactagt atctgttttg ttatgtgtgt 1560

```

attattccag	ccagaatggg	aatgctaata	tcagctcttc	caggcagccc	aatggggctg	1620
gtggctttga	tattattaaa	ctctttctct	gctgcaaacc	ccactgtctc	agtgtattgt	1680
tctgttgctg	tgcagcaggc	atacaaatct	gacaatctcg	taactatttg	tggcaagcca	1740
ggtcgagggtc	actctctttg	agggcattta	ctcactgcct	agtgccccct	ttccactggg	1800
acagaccag	agacaaaccc	tagcagc				1827

<210> 7552  
 <211> 1393  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (181)...(530)  
 <223> similar to gi2613002 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7552						
aggggcgctc	cggccagtga	ttggctggag	gtttgttaac	tattcatgag	ggggcgggcc	60
gagcggggcg	gcctttgtta	agcagcgagg	gcgcgaccgg	gggtactctg	ctgccggcctt	120
ctcgagcgcg	cgctgggcga	ccagagcagg	gtcgagatgt	cctacatccc	gggccagccg	180
gtcaccgcgc	tgggtgcaaag	agttgaaatt	cacaagctgc	gtcaagggtga	gaacttaatc	240
ctgggtttca	gcattggagg	tggaatcgac	caggatcctt	cccagaatcc	cttctctgaa	300
gacaagacgg	acaaggggat	ttatgtcaca	cgggtgtctg	aaggaggccc	tgctgaaatc	360
gctgggctgc	agattggaga	caagatcatg	cagggtgaacg	gctgggacat	gaccatggtc	420
acacacgacc	aggcccgcga	gcggctcacc	aagcgctcgg	aggaggtggg	gcgtctgctg	480
gtgacgcggc	agtcgctgca	gaaggccgtg	cagcagtgca	tgctgtccta	gcagccacca	540
ccatctgcga	ctcctgcctg	ccgcctctct	gtacagtaac	gccacttcca	cactctgtcc	600
ccatctggct	tctgctgacc	gctgggcccc	agctcagaag	ggctatagct	ggtcccagag	660
gcctggcctg	gccttccttc	ccttctccca	tccctggcct	ggggcctctg	ggaccagcctt	720
tctctcctgg	acaccgagga	ttggaaataa	gggcctggag	ctgagtagta	gccagtctgc	780
tgtgaccaca	ggctcaggtc	cgaccctgct	gcttggccac	agcagtgggt	gggcaagtgg	840
gaaccactat	ctcttgggag	ccccaaaag	ctgggaaatg	ctggagggaac	caggcctttc	900
ccgcttttgc	ctggctgcag	ggttcggctc	cgccctgccc	ccccagccct	cgtgtgtcca	960
caccgcagtg	cctctgcccc	tcgggggact	ggacacacat	cctgccagag	gcgctacgaa	1020
gctttgcccc	gatgaagcca	ggtgggctcc	gcgttcactc	ccactctccc	gaggggtgct	1080
ggcctcccca	gggtttgcct	tcttaocgat	ttagacgagg	ttcgaggctc	acctatcagg	1140
gcagctctca	ggattgtcat	tttctctttt	gcctgtgggt	ttactttttg	tattttttta	1200
atcacaagtt	tgatacaaaa	tgttttttatc	gtactctttg	gagatgcccc	ttctactttt	1260
gaatttagct	tttactaatt	cgcatctgga	agctcagcaa	gtgcacaagc	cttacttttg	1320
ttaccgtgga	aaccactgcc	gcccctcccc	gatgtgggtgc	gctcaataaa	aatgctggaa	1380
ttcaaaaaaa	aaa					1393

<210> 7553  
 <211> 3398  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3204)...(0)

<223> similar to gi34672 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7553

tttttttttt	ttgtatttct	tagtgctttt	gatttttaatt	cttttggcat	atctaaatgt	60
cagaaagtga	atatatacat	acagaattca	aaacaccttc	ctaaaaatgg	tattattggc	120
cagtcattta	catctttatt	ttgaaagtct	gaattgtcaa	atagttctaa	agtgcattct	180
tgcagcta	aaatagcagc	atttgtttat	aaaaccttaa	gaaattcaga	ccagggctgg	240
agaagtcaca	ataaaaaatc	agacatgac	tagatatagt	cttcctta	catctaagac	300
aaacacttgt	gtgaattagt	ttataagtat	acatgaaata	tattttaaaa	aaacattata	360
aaaaattcat	acagtgatga	aaaaaggagt	cttcctctgc	tattaatatt	aaatatggca	420
aaacatacac	tatacaaggt	ttgttgaata	ctagttgtct	ttggaacat	agggaaagct	480
ttgctctggg	tcagtgtatg	atgtagctga	ggtcctgat	tttcaacaaa	gctggagttc	540
tacaagatga	cctggaagac	tgcttctggc	atggctttcg	agaaatcatc	cacacaaatg	600
aaaatgttct	ttcagtactg	ggactgtcag	ttcatggctt	tttgcgcttg	ggttgtgctg	660
gatgctgata	tccaggtccc	agctgggac	ctgctctcat	ctccacagcc	acagaacacc	720
ttgtttctac	atcgggtccat	tcagactctg	caccatctgg	ttgggcaggt	gctactgtgg	780
aagatcttcg	ttttcgacta	ccatttgggtg	attcttgcct	taaagtctca	atatcagtaa	840
actgaacaga	ttgtccacca	ccccttgttt	tataaatatc	acccttaatt	agtttagttt	900
caatctcccc	atcggaggct	agttcctggt	gggtcagcat	gtacttctca	cacttagcta	960
gtgccttttc	atttgcaaca	gatactgtga	tggcatgagg	gacatgtggc	tgcatgactg	1020
tttcagtttg	catgttagag	gcgggcttat	gatctaccca	tctgtctcct	gcagagcgtg	1080
atcgtctgtg	tcggagacga	attgggtggg	cgcttctgatc	aggttgaaag	agtaaaggca	1140
caggtgatgg	agaaacagat	cttttagtaa	ctttttctcg	atctcgctcc	cgagagggtc	1200
tctctgggct	ctcagtttta	ggttcagtaa	caatagcctt	cagttgtttc	agcttttcat	1260
cttttaacca	gagtttatcc	tgcatctcca	gctgtttggc	tgccactcta	cgctcacatt	1320
ctttctccca	cttcattgtc	gtttctgtca	ccatgccttg	caacctggct	tctaattctgc	1380
gtttgtcaga	aaactgtcgc	tgaagtttct	ggttctgagt	ttcaagttcc	tggtgcaaat	1440
tgcgtttatc	ttcctcatag	atagtagttg	ttttctctaa	aatctcaatc	ttatatctta	1500
aagttttgtt	tttcttttcc	agtcgttcta	tttccaattt	ctgtcctgag	atcatcttct	1560
ccttttcaat	tagtttccct	tgcatgtgg	tttctttact	taaaacagca	ttgtcaaatt	1620
cttgaacaa	agctttaaaa	gcattagatt	gtttgttaaa	ctcatcaatc	atcatttgtc	1680
gtaagttagt	tcgtttctct	aaggcttcaa	tcagccttgg	aagtgtctgc	tcacgttga	1740
tatccaaaat	ttcgcagac	ggcaaagggtg	gaaaactctg	caaaaccacg	tcagtaacca	1800
atggttcatt	tccaagtggg	acctcgaggc	tggtttctgt	atctcctccc	aggcggttaa	1860
ccacatattg	ccttgtctac	aggtcttgct	acttcaactt	cttgagtcac	ttccgcaaat	1920
ctcatgactt	gcaagttttc	ttcataatct	tcagccttgg	ggttcacaca	cacgatcatc	1980
cgcacttttc	cttccccatc	aaagtagttc	ttgaacagat	gggttaactt	tgaatctcga	2040
tatggaacca	tcttgttagt	tccatacatt	tggttctctc	ttaggacatc	catacatggt	2100
cttagcgtca	ttagtgactg	attaatatta	ccagcttcac	gtaatctggt	cccttctgct	2160
ctgggtccgg	tagttctttc	acttccagca	agatctacca	aggacaactg	acttatagt	2220
atttgttctt	tttctgttaa	gacattgtct	ccatctgcat	ccaagggagc	ctgaactaat	2280
ttaatgttga	acacgctatg	ggaacggctg	gactcacgat	tcaaatgggt	attagcaata	2340
cgtctctttt	tctggcctct	ccagaaaact	tcaaaagcct	cctcagtaga	tttcacttca	2400
acttctgtac	atcctgcaac	atacatgtta	tggttcttaa	tcttcacgaa	gcaatttaga	2460
ttgtggagg	ttgggtttat	gggatcaaac	ggcacctctt	ccaatagatc	atatatgtaa	2520
ttattatata	tttcaatata	agagacaaat	acaccataga	cactatcttc	atcaacctct	2580
tctgctttgc	agaattcttg	tacagttatc	atatctgcaa	actctggatc	tacttgtcgt	2640
ttgctagaag	aagtctttgg	attgggcata	gcttctcttt	tctgacgttc	taataaggca	2700

09400725 "012100

```
tcaacctcac actgtatatc catactattc ctatcattag atttgaaaac atatcgttta 2760
gcttgaaatg accctatact gttaaagatc atgtccaaac aacgaggaag cagccctcct 2820
tcccctggag aaccagtcac tgtgtgagtt tttccacttc ccgtcacacc atatgtaaaa 2880
agaagacccat ttttgccatg aatgagggtca ttgaccaagg gattagccac aacatcaaag 2940
agttccttct ggggtggtgtg agtgccaaat acttgtttaa atgaatactg agtctcctta 3000
tagtctccat ttcggttgag tctgtagccc tcaggagtat gaagctgaac agttgtatta 3060
ttgatcactt ctatgcaaca ctcttgatca ggaaagccca gtgggcgcac cctacagtat 3120
accccaactg ggtctttaag gttcgttttg gacccttttt tcacggtagg tttccggggg 3180
gtcttagctc tcgctgactt catggcagca ggctccacgc cgcccaaacg cgcagcgagg 3240
acggctggct ggcgaagact gcgggacgtt aggaccggca gcaagaacta gaacttcgcg 3300
gctaaggcgc ggtgctctgc gaagccggcg gcgacgctaa gagcccaggt gagctccgcg 3360
ctgggcgcac tttcaaacgg gccaatcagc gcccgctcc 3398
```

<210> 7554  
<211> 1001  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (923)...(588)  
<223> similar to gi3925782 in the genepept database release 114,  
Run with FASTX 3.3t00, default parameters

```
<400> 7554
tccaagcac tcattctctag gagaccagat gtcaaaacac aaccacctct ggcaacattt 60
ggaattatag gatgcattcc catgtaaact ggcattaaga aaaacaaaat tgcactaacc 120
aaaaataacc caaattttaag gaccagaagc ataagccatg aatttactat ctcaggtaga 180
ctgagcattt ggataattct cattctccag aaatcccaca ggaaggaaaa aataaataaa 240
tttatatata ttcatataaa gactttttatc tattgtgcaa agagaggggtc atctggctcc 300
ccagaagggtt ctcaacccca tcaagactgt ccatttttaca tctctagctc cagttcttct 360
cagagagtaa aagtgtcca aaggcctgtg atcatgggta ctgattaagg gctgcagact 420
cttcagatcc agttaaatcc ctgggtgttg agctgtgtgg gagctgtggt tgccttgcctc 480
ctggcctttg ctgaggtcct gccgcaaacc ctgcagcagc tgggttagga gtgtaagggtg 540
gctgtctctg cgaggcagag gcagggggtg gaggcaattc cctttatact cgatcactgc 600
catcttgccc cgatccaaac tccgatttgg gatctgcagc attcttgtgt agccccaggt 660
ttgatctttg taccgagggg ccagtacttg aaacagcttt gggatcaaatt ccttctctgt 720
gagccagaag tcagccatgc gcatggctcg ttcgttagtg tctcccagct tcccatagtc 780
gatgagcttc tccgcgtagc ccctcatttc gtccacacgc gcccatgggtg cctcgatgcg 840
ttcgtgccgc accagccctg tgagcaagtt ccgcaacaga tggatgcggg actcgggacc 900
gaggcccata cggcgaaata cgcggccatg ggagatcgct gcagcgaccg acagccgcac 960
gtttccaact tctgcccgcg ccttgagggc cggctcgtgc c 1001
```

<210> 7555  
<211> 1656  
<212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (53)...(617)

<223> similar to gi4895035 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7555

ggcacgagca	catacctgat	tttctagatc	caaaagaact	caggcagaga	ccatgaaact	60
aaagcggatc	cagaaggagt	tgcaggcttt	agatgacatg	gtgtcagctg	acattggaat	120
tctcaggaac	cggattgatc	aggccagctt	agactattca	tacgctcggg	agcggtttga	180
cagggctgaa	gcagagtaca	ttgcagcaaa	gctagatata	cagcgcaaga	ctgagataaa	240
agagcaactc	actgaacacc	tttgtacgat	catacagcaa	aatgagctcc	gaaaggccaa	300
gaagttggag	gagttgatgc	aacaactaga	tgtagaagcc	gatgaagaga	ctttgg'agct	360
tgaggtggag	gtcgagagat	tgctacacga	acaagaagta	gaatcaagga	gaccagtggg	420
tcgttttagag	aggccatttc	agcctgcgga	ggagagtgtg	acattagaat	ttgctaaaga	480
gaacagaaag	tgtcaagaac	aagctgtttc	cccaaaggta	gatgaccagt	gtggaaattc	540
cagtagcatc	ccctttctta	gtccaaactg	cccaaatcaa	gaaggtaatg	acatttcagc	600
tgctttggcc	acatgaagtt	ctgggtattct	tttgagctaa	tatggtattg	agtaaagtat	660
actttttgca	gtagatcatg	ccctgacctc	caataaaaaac	ctcttttaaaa	caatgctgat	720
ttttgaattc	atgattagtt	ttagtaaatt	aataggtttg	gccattctaa	aatccaaaat	780
tatgataact	gtatttctag	gggtatgttt	caccttgatt	ttggcccggg	tctttcagtg	840
ttccgtttac	cctttttact	gaaagtaagt	gacttaaaaag	gatggaagaa	aaactacatg	900
gttgagtggt	tttttagatca	gataaatata	gaaaagtaaa	atggaaaatg	atactcaata	960
cctagttaaa	ctcatttcac	ttctcctggg	agacgtatta	agactggaag	tcctatttta	1020
tttaatcagt	atcagtaaaa	agacaaaaat	tacagtgtga	acaagagaaa	aacaggaata	1080
gaagaaaaaa	gttcagagtt	gaattatcta	tctggatatt	actagagttg	taaaacacaa	1140
cttggaact	ggaatttatg	tgaagaacca	aacaacttaa	accagcatca	cttttgcttt	1200
caatttgctt	tccagtgatt	ttagttttaca	acctgcgttt	tgttatttga	aacacacaca	1260
cttatatata	aacacatgta	attttactat	tttattgtct	ttcctttaat	cgatgaattg	1320
attaaattta	gacaattaaa	acattttctaa	agtgagactg	aaaataatat	agaaaatctc	1380
attgctactt	gtgattatca	aaaaaagtat	gtattttctt	tctaaagtta	tctataaata	1440
tgtttttgat	atgttggaca	tgaattaccc	tgatcatgaag	cgtttaaaatt	gttaaaatgc	1500
tgattttctt	attagtttgt	taattgcctg	ttactagtac	ttgaccaata	cattgtgtcta	1560
tatgtaaatg	tgtaaataaa	tattgttaatt	ttctcacaaa	gtctgtgaat	atcacattat	1620
gattttattta	tcagaaattc	caaaaagtaa	aaataa			1656

<210> 7556

<211> 545

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (509)...(234)

<223> similar to gi4803699 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



<210> 7558  
 <211> 1589  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1590)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1268)...(129)  
 <223> similar to gi4929643 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7558

tttttttttt	ttcaccagtg	aagcaggagt	tttattgagt	tcctccatgt	cacattaata	60
cattagcttc	aagacacagt	ttcaaagacc	ccgggtcctt	ctgacgtagt	gtgttgagg	120
cagctaggcc	agcttgaggc	actgtgtgtt	aaagctgtcc	ccctccttgc	cggcgacagc	180
ctccagcagg	gcctgtttct	tctgcatgct	ccgtgaggac	tccagctcgt	acatggtggt	240
caggttgaag	agcacgctct	cgtgcaggta	gtgcctgggg	tcctgctgga	ccatggcctc	300
cagctgccgc	agggagtcc	tgagcttgcc	caggtagagc	agacacacgg	cagcgttggt	360
gttggccact	gcgtttcttg	gatccatcct	taagatctct	gtgaagaacc	tgtgggcttc	420
tgcaaagtta	ttctgcccga	ggtgaaggaa	cgcgctgttc	atcaaaacca	tgattttacc	480
ctgtagtcca	tctaatttct	gtgttacttt	ctcaacgtct	tgaaaatact	tttcagctgt	540
ttttatgtct	ccaatctgca	gggaaatccg	gccgatgccg	ctgagcagct	ggggctcttg	600
ctctgggtaa	tacttgataa	ccgaatgata	cgccctcacg	gccagcacat	aatccttcat	660
caggagcaga	cagtttgcca	tggagtacat	cacccggccc	agacgtgacc	tccacagccg	720
gatagaggct	tgtctgccct	cctgagtcac	gctgctcatg	ccgcggtctt	ctgctaagcc	780
ttgctccaaa	ttggccagga	tcttgctgca	gacagtcttc	accttgctga	gtctatccag	840
cgactcctgt	gggttcccc	ggtactgctg	aagctccgcg	tgcaagatgc	gcatcgagaa	900
ggggaccatg	gagccccctg	gcccagggtg	cacgtgcggg	tagtactcgt	aataaagatc	960
tggctgatca	agattttccg	agggttcaaa	ttccatctca	gcattctgga	aaaggcccaa	1020
cttcactagt	agtgccagcc	tgacaaacca	gagctgcagt	gaatctgtcg	tgtggctggt	1080
gagcagccc	ctcttgccgt	agccctggcc	gtgggctgtg	aggagacgtc	cgcacaggtc	1140
cactgctgcc	ctccagtttc	tgacagctgat	tagctgtttc	aatccaacaa	aagattgttc	1200
cactgagtcg	gcatttagga	cttgtctctt	tgctgcagct	ttttcaccca	gaaagcgaag	1260
catcaagtct	ttaactgcat	ctccctggat	gttgtcgaac	ctgaggcccc	gcatggtgag	1320
gttctccttg	tccacgaaca	cggcgccgcg	ctgctgggtg	gccacggccc	gcaggactcc	1380
acgcgtagcc	tcgcccggaa	gccaggcgct	gttccctccg	tccatctcgc	ccatgctcag	1440
ggcgggtggc	aaggggctcg	cactccctgc	aaacactgcc	tggatgtgcg	cgaaaggatc	1500
tggaaacgcc	gggggctcag	ctgcctgggg	ccctcgcatg	gccacggggt	cggggcaccc	1560
ccgnngnncc	ncgncatggc	ntacgaact				1589

<210> 7559  
 <211> 1994  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (51)...(1688)  
 <223> similar to gi2274966 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7559

tttcgtggac	cgggtgcggt	ggtggctgcg	gcggcggcgg	cggtagcagc	atggattggg	60
gcaactgagct	gtgggatcag	ttcgagggtgc	tcgagcgcca	cacgcagtgg	gggctggacc	120
tggtggacag	atatgtaaag	ttcgtgaaag	aacgcaccga	agtggaacag	gcttacgcca	180
aacaactgcg	gagcctggtg	aaaaaatatc	tgcccaagag	acctgccaaag	gatgatcctg	240
agtccaaatt	cagccagcaa	cagtccttcg	tacagattct	ccaggaggtg	aatgactttg	300
caggccagcg	ggagctggtg	gctgagaacc	tcagtgtccg	tgtatgtctt	gagctgacca	360
agtactcaca	agagatgaaa	caggagagga	agatgcactt	ccaagaaggg	cggcgggccc	420
agcagcagct	ggaaaatggc	tttaaacagc	tggagaatag	taagcgtaaa	tttgagcggg	480
actgccggga	ggcagagaag	gcagcccaga	ctgctgaacg	gctagaccag	gatatcaacg	540
ccaccaaggc	tgatgtggag	aaggccaagc	agcaagccca	ccttcggagt	cacatggccg	600
aagaaagcaa	aaacgaatat	gcggctcaac	tgacgcgctt	caaccgagac	caagcccaact	660
tctatttttc	acagatgccc	cagatattcg	ataagctcca	agacatggat	gaacgcaggg	720
ccacccgcct	gggtgcccgg	tatgggtccc	tgctcgaggc	cgagctggag	gtggtgcca	780
taatagccaa	gtgcttgag	ggcatgaagg	tggctgcaa	tgctgtggat	ccaagaacg	840
actcccacgt	ccttatagag	ctgcacaagt	cagggttttg	ccgcccgggc	gacgtggaat	900
tcgaggactt	cagccagccc	atgaaccgtg	caccctccga	cagcagtctg	ggcaccacct	960
cggatggacg	gcctgaactc	cgaggcccgg	gtcgcagccg	caccaagcgc	tggccttttg	1020
gcaagaagaa	caagacagtg	gtgaccgagg	attttagcca	cttgcccca	gagcagcagc	1080
gaaaacggct	tcaacagcag	ttggaagaac	gcagtcgtga	acttcagaag	gaggttgacc	1140
agaggggaagc	cctaaagaaa	atgaaggatg	tctatgagaa	gacacctcag	atgggggacc	1200
ccgccagctt	ggagccccag	atcgtgaaa	ccctgagcaa	cattgaacgg	ctgaaattgg	1260
aagtgcagaa	gtatgaggcg	tggctggcag	aagctgaaag	tcgagtcctt	agcaaccggg	1320
gagacagcct	gagccggcac	gcccggcctc	ccgaccccc	cgctagcgcc	ccgccagaca	1380
gcagcagcaa	cagcgcacat	caggacacca	aggagagctc	tgaagagcct	ccctcagaag	1440
agagccagga	cacccccatt	tacacggagt	ttgatgagga	tttcgaggag	gaaccacat	1500
cccccatagg	tactgtgtg	gccatctacc	actttgaagg	gtccagcgag	ggcactatct	1560
ctatggccga	gggtgaagac	ctcagtcctt	tggagaaga	caaaggggac	ggctggaccc	1620
gggtcaggcg	gaaagagggg	ggcgagggtc	acgtgcccac	ctcctacctc	cgagtcacgc	1680
tcaattgaac	cctgccagag	acgggaagag	gggggctgtc	ggctgctgct	tctggggccac	1740
ggggagcccc	aggacctatg	cactttatct	ctgaccccg	ggcttcggct	gagacctgtg	1800
taacctgtctg	ccccctccac	cccccaacca	gtcctacctg	tcacaccgga	cggacccgct	1860
gtgccttcta	ccatcgcttc	accattgatg	tacatactca	tgttttacat	cttttctttc	1920
tgccgctcgg	ctccggccat	tttgttttat	acaaaaatgg	gaaaaaaaaa	aaagaatttt	1980
ttttaaaaaa	aaaa					1994

<210> 7560  
 <211> 1491  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1480)...(163)

<223> similar to gi535185 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7560

gtttttcagc	tttatttcaa	atgctgtgta	gcataagaac	ctagccgtca	gacatcattt	60
tttagctatg	aaaaatatga	aacaaggcat	attctaaagt	gctgaaggaa	ttaattgccc	120
tattagataa	cgaatacctg	gaggaatgaa	cagagtgtat	tatggcttaa	agtgtctggg	180
tctgatcatc	atcttagcct	ctttgaaggga	ggacttgtag	ccaccagggt	gtgcctcact	240
tacaccaggc	caggtacccc	agaaaatccc	attacggaca	cctctgtatt	tttggtgata	300
atatttgcca	tttaagtttg	cagaaagaca	tgcatcaaac	caccagcctg	aactgtagta	360
cagcccacag	ttcccagaag	gatatcgatc	attgtcttta	tctggagtgg	tgaaaaactt	420
cagatcgtgg	ttgtaatgtt	tgttgaaacg	taatgcatct	ccagctgtgc	cattatagtt	480
accaacgtgt	aaacgatatt	tgagaaactc	attagccaca	taaaactgat	catacaaggc	540
atatagttcg	acaccattaa	agtcttcaag	atctattctc	agaatcattt	ccttactctt	600
ggtcagaaga	tgaattttat	cgttccccag	ccaaaattcc	cttctgaggt	ttccaaagcc	660
tgctttgtag	tcttgccatg	ttctggtgaa	gttgggtgctc	ccatcgagac	gtgcctgcag	720
cactgtccag	cctcccccca	tgggtctccat	gtcacagtaa	acttcaaagc	tactattttt	780
gggatcagggt	gtaactctgt	aggtctcact	gcttcttttg	cctattgcgt	agtagtcaga	840
gcaatcttta	tattattagat	gttgaactgg	acgtgactgt	atttgttctt	ggctgggaca	900
ctttgaacat	ttgccatcca	aactattgac	aacaaatgtt	agatttgcca	ctttgtctgtc	960
aacataattt	tctatgttgt	tcatatttac	aagattcagc	ttctccaggc	gaccatgaag	1020
tacattgatc	tcctcttttg	cattcttttag	ctcagaggac	agcttggttaa	cctcactctc	1080
taattctcta	actctgttat	caccaacctc	tcccggggct	cctgtactgg	gtaacaacag	1140
tccgtttctg	cctgggtctc	cgttgtcatc	agcctgcagc	ttgcagtcct	ggcaagattt	1200
ctttagacta	tttacgattt	ccttgagggt	ttggacttct	ttgaacacct	cctcgatcct	1260
gctgaattgc	ttcggggagct	gaatagtcaa	gggggggcagg	cttacctggg	agggggcactc	1320
ccctgcctct	tcgcatttcc	ctctgctttc	tagtctcact	gggcagacat	cctttgctct	1380
ttcatcttta	atttctctctg	tttcattgtt	tgccacaacc	aaaaaacctg	aagtggcaag	1440
aacagctgag	ctcagccagt	accagtttag	cagcttcac	tttacagtgc	t	1491

<210> 7561

<211> 1725

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (43)...(823)

<223> similar to gil79789 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7561

ggaagagaaa	gcaggagccg	tccagcacgg	aggaaggcga	ccatggccaa	ggagtggggc	60
tacgccagtc	acaacgggtcc	tgaccactgg	catgaacttt	tcccaaattgc	caagggggaa	120
aaccagtcgc	cogttgagct	gcatactaaa	gacatcaggc	atgacccttc	tctgcagcca	180
tggctgtgt	cttatgatgg	tggctctgcc	aagaccatcc	tgaataatgg	gaagacctgc	240
cgagttgtat	ttgatgatac	ttatgatagg	tcaatgctga	gaggggggtcc	tctccctgga	300

```

ccctaccgac ttcgccagtt tcatcttcac tggggctctt cggatgatca tggctctgag 360
cacaccgtgg atggagtcaa gtatgcagcg gagcttcatt tggttcactg gaacccgaag 420
tataacactt ttaaagaagc cctgaagcag cgcgatggga tcgctgtgat tggcattttt 480
ctgaagatag gacatgagaa tggcgagttc cagattttcc ttgatgcatt ggacaagatt 540
aagacaaagg gcaaggaggc gcccttcaca aagtttgacc catcctgcct gttcccggca 600
tgccgggact actggacctt ccagggtcca ttcaccacgc cgccctgcga ggaatgcatt 660
gtgtggctgc tgctgaagga gcccatgacc gtgagctctg accagatggc caagctgcgg 720
agcctcctct ccagtgtctg gaacgagccc ccagtgcctc ttgtgagcaa ctggcgacct 780
ccacagccta tcaataacag ggtggtgaga gcttccttca aatgaggctg ctggatcttg 840
ccctcttcag gaaaggaaac ctaccattgg agagcttggg tccttgcctc cttctggtgc 900
tccttactcc aagtctatct catttttcca cactgagcaa tgaatgtgag agatgtggtc 960
accaagatct aagttacttg ttgaaagaaa gttactttcg acaagatcta atatgaaagc 1020
atagatttca catttgatct ctgtaataat catctttcct ataaaagtag catttttggg 1080
aaagtttcaa agaagaagaa acagagatgg aagagtaaag atatttttaa aatggctagc 1140
tattgggcac cagtttttct gttatctaaa atttcacaca acttcattgt ttttattttt 1200
atattatgag ttgtccatct taaagaaata tgagtaattc tacatgtagt agaggtgtat 1260
gaagatcata taacaattaa acataagcca gaaattaaaa tgactataga cagcaagaat 1320
tgagctaata atatgtttta actcttaaca ccagcaagaa gtcagtcatt tattgaagtt 1380
ttagctacta agattacttg gttttgatta ccagtgaaaa gaaaacacaa tacaatcagg 1440
agttttcaaa tttttgattc agtatttgaa tttcttcttc ataaatgtag ttgaatttat 1500
cctagtatct ttctttacct gaagtagggc catttatctt taatttcact acatttttct 1560
ttgcatgatt attaaaataa aaactgcctc tgttgtgttt ctactggag gctggaatga 1620
atgatcacta gaacacaaaa gagtgaatga tgacacttga agtcaaagca gttgtactga 1680
tcaccagaac caataaagac ataaatggaa aacgtaaaaa aaaaa 1725

```

<210> 7562

<211> 1032

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (107)...(521)

<223> similar to gill177435 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7562

```

ctgtggggca gaggcgctgc tgtggttggt cagtccagta agaagccagc agggctggtg 60
ctggggcttc ttctcctgaa ggggctgcaa gagggaaggc ttagccatgt cgctccttgat 120
cagaagggtg atcagcaccg cgaaagcccc aggggccatt ggaccctaca gtcaagctgt 180
attagtcgac aggaccattt acatttcagg acagataggc atggaccctt caagtggaca 240
gcttgtgtca ggaggggtag cagaagaagc taaacaagct cttaaaaaaca tgggtgaaat 300
tctgaaagct gcaggctgtg acttcactaa cgtggtgaaa acaactgttc ttctggctga 360
cataaatgac ttcaatactg tcaatgaaat ctacaaacag tatttcaaga gtaattttcc 420
tgctagagct gcttaccaag ttgctgcttt acccaaaggc agccgaattg aaattgaagc 480
agtagctatc caaggaccac tgacaacggc atcactataa gtgggcccag tgctgtgtag 540
tctggaattg ttaacatttt aattttttaca attgatgtaa catcttaatt aaccttttaa 600
ttttcacaat tgatgacagt gtgagtttga tgaaaatatc tgaagctatt atggaaatac 660
catgtaatag ggagagttga acatgaatat tagagaagga atccagttac ttttttaa 720
tacacctgtg tgcacctgta ttactgaata taggaaagag ataccatta catagttact 780

```

cagtaaaca	aagagaaata	ccagggtagg	aaagaagagt	ttactatttc	ctgagaaata	840
atcaagaaca	tatttaattt	aaactaatga	tgtgaactat	ttagttttga	tgtccgttat	900
gtgattctgc	ttttacttga	gtaaaattaa	agtgtttaaa	tttgagatca	aggagaagat	960
atgtggaaca	aaatgttata	tagataatat	ttttctaata	gaaataaaat	aggcagattt	1020
ccaaaaaaaa	aa					1032

```

<210> 7563
<211> 1503
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (171)...(714)
<223> similar to gi4680713 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

0040020460

<400> 7563						
gccggcttgc	tttccctgc	ggtcgtccag	actattgggc	gctagcgaga	cgaactattg	60
gtacggggct	agagaggaag	gctttgggat	tgcgggggag	cagcgagcga	ccgacttccg	120
tttccagtta	ccaaggcacg	aggatccggt	gttccaaccc	agggggaaaa	atgcggcctt	180
tgactgaaga	ggagaccgct	gtcatgtttg	agaagatagc	gaaatacatt	ggggagaatc	240
ttcaactgct	ggtggaccgg	cccgatggca	cctactgttt	ccgtctgcac	aacgaccggg	300
tgtactatgt	gagtgagaag	attatgaagc	tggccgccaa	tatttccggg	gacaagctgg	360
tgtcgtctgg	gacctgcttt	ggaaaattca	ctaaaacca	caagtttcgg	ttgcacgtca	420
cagctctgga	ttaccttgca	ccttatgcc	agtataaagt	ttggataaag	cctggtgcag	480
agcagtcctt	cctgtatggg	aaccatgtgt	tgaaatctgg	tctgggtcga	atcactgaaa	540
atacttctca	gtaccagggc	gtggtggtgt	actccatggc	agacatccct	ttgggttttg	600
gggtggcagc	caaactctaca	caagactgca	gaaaagtaga	ccccatggcg	attgtggtat	660
ttcatcaagc	agacattggg	gaatatgtgc	ggcatgaaga	gacgttgact	taaaacgaag	720
ccattccaag	gacagacggc	tgtatggaaa	ggccgagcct	tgtttcctgt	gtttgtgtgg	780
actccaccat	catgttgaat	tttgtcaaca	ctctggcctc	ttcagggaact	tcttattttac	840
tgtactctct	atcactgaca	aatgcaggct	ggattcttat	tatatacaga	gatggctcaa	900
aaatgggggt	tcagatcttt	gtgacgaaat	agaatactgt	ttcatatttg	aatcagaggg	960
cttcttggtc	tgagaaatag	gttcaaaatc	attggaacca	ggaacaagaa	tagcttattg	1020
ttatctgtga	taacactggt	ttctaaacac	aaggattttc	ttttttatta	atatgcaaca	1080
tagacattgc	cataacagaa	taataaacca	catgtggggg	tttaaaaatg	aaatttggtc	1140
aataggagca	attcagctat	ttttctatac	agtaattggg	gtgtggtata	gaagaaaaac	1200
gggttcaaac	cccacttctg	ccacctacca	gctatatggc	cttgaatgag	tcattcagct	1260
ttaataaggt	tcattttctt	ctgttttaaa	agacacaaaa	cttgaaaatc	agctttggcc	1320
atctacctga	gaattagaaa	gtctgatttt	tgggaattaga	aatcatgatt	gtaggctggg	1380
cacagtggct	cgcgcctgta	atcccagcac	tttggggagg	caaggcggac	ggatcacttg	1440
aggttaggag	tttgagacca	gcctggccaa	catggtgaaa	ccccatctct	actaaaaaaaa	1500
aaa						1503

<210> 7564

<211> 1622  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (838)...(350)  
 <223> similar to gi5453264 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7564  
 ttttttttga gtttaacaca gatttttattg ccctatagac agttatgatg tgaccagtgg 60  
 atatcaatga aacttcttaa ttatttgagt ctgaaaatgc atattttaaaa cattaaaaaga 120  
 ttgactccac tttgtgccaa gctctgcggg taggcataatt tcatatctta aaaaggcttg 180  
 taattcattc agggaggcaa aagcaaaatc tgtaattaga ggtagccat aatgttatga 240  
 aaagtgccat gagaatagag agagagaata aaatcataaa gatataaata aacatatattg 300  
 aactacaggt gatgtattgt cttaaattac ttctatatca taatcccga gggccttcaa 360  
 tggaaaatcc taggtagaaa gacactcttt ctatgttcct accacttctg agtggacctg 420  
 aataaacaga tattactggg atttttatatt ttctctctgt tccatattct acagagatta 480  
 gcttgccctc agcctgacca gtagacgac gcaggagggtc ttgacttca ttttttttcc 540  
 acacatcccc actgtgccag agggaatttg tattttgtgc tttatcaaag tactgctcta 600  
 ttttggcctt gtgaacaata ctgttttagac ccttcctttt gccagatag aaaagtgtgc 660  
 ttgcctgctt ggacctgcac atgcgcttgt actgtcccct gaaggatcta ttttaaggatg 720  
 aaacatactt ttctattagt ttggaatcct gatctagctc ttgattttct ggccagaaca 780  
 ggaggcaggc caagaaataa ggacctggat attgatgact tagtcctaca aattgcaaga 840  
 cctctcggag ttgttttttt agcgtggtta gtggttgaat taacttggag ttgggcttta 900  
 gacaactcag aataatgttg gccaaaatgg aattttgttt ctcatattgtc atgggctttt 960  
 ttgagttttg ctgcagtagg aaggcatatt cattcactat actttccatg gtggtagcat 1020  
 ctttgtagtt tggattaaga tattccaaga gtccagcaaa cctatctgct ctgagagctt 1080  
 ctagcttttt cctgcaattc tctcctgga gtaattgact ctctttactt tgtaatagac 1140  
 atggatccaa atgacagaaa agttctgtgt atttctgaa acaacgactg actttcttgc 1200  
 ttaacatgat ttctgcaatt tctttttggg tatacctcat tttcagaaga accatataat 1260  
 caataaaaaa gtcaaagcac cttttcagat ctgattgtaa attttttagg tgggatgtga 1320  
 acttgctaag agccaaataa cattcatttc tgggatcagg aggaatgggtc cactttcctg 1380  
 ataaaaattg caccatatgt tttttggata attcattttc tttgtggaaa aaggaggatga 1440  
 gctgaagaat ctggatagtg taaagaccaa cttctatttc acccaagaaa caagctgtgt 1500  
 tatacatgtc atatcgtctc tgggacttct gtggtgacca gttctcggtt tcatagtttt 1560  
 tactatcagt ttgcctttgg gattctttga aagctcttga ggctttttcc gcagcttcta 1620  
 gg 1622

<210> 7565  
 <211> 819  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (729)...(489)  
 <223> similar to gi29977 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

<400> 7565
tttttttttt ttataaaaaac ttctctcttta atcaaggctt ttaaacaatga acagatttct 60
tgaaataaaaa tggaaaagttt ccagtacact gaaacataaa tcccgcgaagt caccacacat 120
acaacaccccg gcaggaaaaaa acaaaaaacag caagtttaca tgatccctgt aacagccatg 180
gtctcaaaact cagatgcttc ctccatctgc caagtgtgtt ctggatacag agcacatcgt 240
ggcttctggg gtcacactca gcttagcgct gtgcggtcca cagagcactc atctggctgg 300
gctatgggtg gtggtggctc tacttaagaa gcaaagcagt taccagcaca ttcaaacagt 360
gtattgaaca tcttttaaat atcaaagtga gaaacaagaa ggcaacataa taatgttatc 420
agaaaagatgt taggaagtaa ggacagctgt gtaaagcttg aggctgaaaa gtagcttgcc 480
agcttcattt ctttggtttc ttgggtagtg ggcgccggaa cagcaagatg tgaggttctg 540
gttcatggat catataatgg acccatccct gactctgctg aacgccaaga ttctccatt 600
cagattcaga catcagatgg gttttaggga ccagcttggc tatgtccttg gccagcatga 660
catgtcgata ctcaaaactcc tcgtcgtcgt atttgtccga atagttaaatt tgtttgtgcg 720
acatgatcgc tcggtttgct agccttcagc cccgcgccgc caacctccaa gcaactccct 780
atagcacccc ctctaccccc tctagagcca aaaaaaaaaa 819

```

```

<210> 7566
<211> 1460
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1177)...(59)
<223> similar to gi4239682 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7566
tttttttttt ttgttccttc tgtttatttc attttggatg ctcaagtgaat gttaattaac 60
caggaaactt aaaagttatt tcaattatga acctcttcaa tccttcatca attattttga 120
gtattctggg cttaaaaaaca tctctttctt ctacaaactt ctgaaagaga tgaacacctc 180
cacctacacc aaaataatgt gctttgcttg ccaaaagtac acgtccattt ttacttaaca 240
gtctaaggaa agtctggtgc aaattactat aataatctgg gttgtaaatg gtttctgagg 300
tgagaatgag atcatatttt acaaaaagtt tttcactact tagtacaagc ttacaaaact 360
cagaccactc accagaaaaa aatcggcatt tatatagttg tgttactttt ggtttcctgc 420
atctttttcac atctggctca ttacatcat tttcttcac ttccaaagtg gagttagcta 480
ctacattagg taaggttact tcatcaatca ccatactgtt ataatcttga aagtgaattt 540
ctttggaccc tcccttgaat gcagttatac ctagttaaacc tgatccacaa ccaagatcca 600
agactttttt cccagcaaatt ttcacttttg cctttgtgaa ataagccagg aggtcaaagg 660
tacattccca gatttttaag cctccctcat aaacacctgt aatcagatca gagtgagaag 720
aaaagctttt tgaaactatg ttttctccag ggaagttctc tttcaacaag atgggttttca 780
ctactgataa cttaacatgc tggaaacctg gtaatgtttc tatgacttta ttttctaaca 840
tcttctttta atcttttagg atagcatgct ctttggcagc tctcaaggag ggctgttttc 900
catgtggctc caagttcctt gaactgctgg ctgcactgag tggactgtct gtgtcttgag 960
agggagctgc attttccatt gacttatgtt cccacaagtg atcctgaggc aagtcaaatt 1020
gttctgcaga acattttctg tccctctctt ctcctttttg actttctgag actgacagct 1080

```

```

cttttgagga atccagggtc aaagctccat ctctaattgg tgtaattca ttttccagat 1140
ggctcttctat agtgaaatta aactgaaagg tcctcctctt attaaatgca cacaatcttt 1200
aaattcagat tcttcaactt ctggatagaa tttgatgata cacacaaatc tgctcaatt 1260
attcaattag ttttggtggg cccaatttct ctttagcagc ttatacatgg taacaaatat 1320
ttagagatat ttccaaatga ctttttagac gtctttgggc ctctttccaa gcagctctgg 1380
ggatgcttgc ttcccgacgt gtcctgggat cgcgcttctg aaaaagctca cctcacaacg 1440
cctcctccgg acctaaatcg                                     1460

```

```

<210> 7567
<211> 3407
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (79)...(525)
<223> similar to gi4100164 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7567
gttattttttc aggagaagcg ctacaaagca gccactgtgc ttactgaacg gcctccccct 60
gtatcgctta attgagaagg tatacaaatg ctctcagtc agccagacac caagccgaaa 120
ggttgtgctg gctgcaacgg aaagatcaag gaccggatc ttctaaaggc actggacaaa 180
tactggcatg aagactgcct gaagtgtgcc tgctgtgact gtcgcttggg agaggtgggc 240
tccaccctgt acactaaagc taatcttctc ctttgtcgca gagactatct gaggtctctt 300
gggtgaacgg gaaactgcgc tgctgttagt aagctcatcc ctgcctttga gatggtgatg 360
cgtgccaaagg acaatgttta ccacctggac tgctttgcat gtcagctttg taatcagaga 420
ttttgtgttg gagacaaatt tttcctaaag aataacatga tcttttgcca gacggactac 480
gaggaagggt taatgaaaga aggttatgca cccaggttc gctgatocta tcaacatcac 540
ccattaaga atacaaagca ctacattctt ttatcttttt tgctccacat gtacataaga 600
attgacacag gaacctactg aatagcgtag atataggaag gcaggatggg tatatggaat 660
aaaaggcgga ctgcatctgt atgtagttaa attgccccag ttcagagttg aatgtttatt 720
attaaagaaa aaagtaatgt acatatggct ggattttttt gcttgctatt cgtttttgtg 780
tcacttggca tgagatgttt attttggact attgtatata atgtattgta atatttgaag 840
cacaatgta atacagtttt attgtgttac catttgtgtt ccatttgcct ctttgtattg 900
ttgcatttag tacaatcagt gtttaaactt actgtatatt tatgctttct gtattttacca 960
gctattttta atgagctgta actttctagt aaagaattga aaagcaaate tcactaatga 1020
tacacagata gataaagcaa gtctatcaac attaaaaata ctaaaaaata aagacacaca 1080
cagagcattt tagtgacatc cactacttat tgccgctatg agttagagtc tatcagtgtt 1140
cttgttataa cccctatctt tcaggggggt taaaaatcag ctttaaaaaa atacataaaa 1200
atttcatctt aaagcacttt cattttatata caacgtgaaa agtgccattt ttagaataac 1260
tttaaagctt aacagggttt cttttaatat cctttttttg tgtgctcttt acttacacaa 1320
tggtttgtgt ttgctttttc agccacaccc cttatgtgaa ctagtgcctt tgggtatcac 1380
gtaaaatctt ttccaaaggg ttacttttaa aatctgttac cacaattatg agatgatttt 1440
taagtataa attaaacttc ttctgtgata aattctgccc agatctctcc acaagagctg 1500
agggtttcat aactttatgg cttaataaat gtatgacact gaaaagattt gagtgtgaat 1560
ctactgaaat cactataatg cacattgaag ctatgatggg atttgagtag tgaggttact 1620
tttgatcgga gcaacataat gctcatagaa tcttctagaa gaagagaaac aaagggtattg 1680
ataaaatgct gagaactagt gattatatat ttttctgtat ttacctgaca tttattttta 1740
tgttcaaaaa gtaaacactt taagtttgat gtgttttact ctctcattgt ttttaagtaat 1800

```

tgccaactca	gaatacatca	ttcttaggct	gaaatttgct	tttccatttt	ttaagggtgaa	1860
atagtactac	cttacgtgat	agcatacaaa	gaagaaagct	ctagaaagag	aaattatgga	1920
gaatgattat	ttaaattaca	attaaggaaa	tgagaatatg	atccccctctt	ccgagttgcc	1980
cacaaacttg	cttctttgct	tttgctccct	gtaatagaac	tacttttcaa	caaattcta	2040
tttgcacggc	accgttaacc	atattttcac	tacagcaaac	ttagtgctat	gggttttctt	2100
tttctttggt	tttttcttga	tcacttgat	aggaaacaat	attttccagt	gttatttgca	2160
tatatatttt	gtccttccaa	tatatgcatt	acagatgaaa	attaaatgtt	atacctgaat	2220
tcttgggttg	gggccaaaat	attaaggctg	gaaaataatg	ctgggtgtgg	gatttgtttt	2280
aaaacaaagg	cttttattta	tggaacatgg	catgtggaat	ctgggatatt	gcctcttatt	2340
tttaagaaaa	tgggtctgtg	aaaagtgaat	gatatgtatt	tttccaaatg	cttcatgggt	2400
aggagtcttc	aagttccatg	ttcccagat	ttgagatata	ctaaagaaag	aaattcaaaa	2460
gtagctattt	ggggccca	aaaataacta	ttatttttagc	cttagagcct	tacacttggt	2520
tcatgaagag	aaaggacttg	cataaccaaa	ataaacaaag	caagacaaat	taaaaatatg	2580
tgggggagag	atcagtga	agtgttttc	ttaatgcagc	cctgctggtc	cccatataca	2640
attgcttgaa	attcacatgg	atgtaaaatt	ataattgtca	ggatcttatt	cagatgatct	2700
tttaagggtt	aactggtttt	gcttttggtt	atctatatgt	caaaatactt	gtaaattggg	2760
aacaaacttc	tctcagcttc	ttgaagttgt	tcaactatcc	ttgccactgg	aagaccaa	2820
aagggtttca	ctgctttttc	ttttacataa	tatgctgaga	attatttctt	atgcttttta	2880
ctacaaacaa	aattactcac	ctggattaaa	gattaaggcc	ttaatctggt	tagattatct	2940
ttaatctcca	tgaatcgtg	aaataagaca	agaatagtgt	ttcagctgta	ggccatttta	3000
cagctaattg	cccataaatt	gtagcattta	ttgacctgaa	gtactaagct	aattgtcttg	3060
actactcaaa	gcccctgaat	tggtgtcaac	tttccccttt	gtgttgggta	gccctaacgt	3120
catttagctt	gttgtctgat	gcctccagta	ggacacctcc	gatggagctt	tgatttctga	3180
gcagcgaaag	ctcccttcct	aagatgcac	tcgcataggc	tgccatgat	gaaggaccgt	3240
gcacctccac	tccaacagag	tgctgagttt	aaaagttgac	ctgtgtttgt	aatttcactt	3300
tcatcttgct	taataaatat	ctgctggatt	ctttcattca	cttttttaca	tttggattta	3360
tgtttttacc	caaaggggtg	ttcccctaaa	aaaaaaaaga	aaaaaaa		3407

<210> 7568

<211> 2571

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (219)...(657)

<223> similar to gi3213202 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7568

agacgcagct	cctcaggcgc	ccggcgggtat	ttgttgggtc	ggcggcgctca	gggattcgca	60
gtggcctgtg	gtcggcgctcg	tccggccact	ggtgcgcccc	cgcggcaggc	agagctcacg	120
ctcctgtccc	ccggtctgtc	cggggtctgg	gcgcgcgctc	gacggcggct	ccgcaggacg	180
cgcagaccgg	gccgcagccc	atgccccgag	cggactgcat	tatgaggcac	ctgccttact	240
tctgccgggg	tcaagtgggtg	cggggcttcg	gccgcgggtc	caagcagctg	ggcatcccca	300
cagctaattt	tcctgagcaa	gtggtagata	atcttccagc	tgatatatcc	actgggtattt	360
actatggttg	ggccagtgtt	ggaagtggag	atgtccataa	gatggtgggtg	agcataggat	420
ggaaccata	ttacaagaat	acgaagaagt	ctatggaaac	acatatcatg	cataccttca	480
aagaggactt	ctatggggaa	atcctcaatg	tcgccattgt	tggtacctg	agaccagaaa	540
agaactttga	ttcttttagag	tcacttattt	cagcaattca	aggtgatatt	gaagaagcta	600

```

agaaacgact agagttacca gaacatttga aaatcaaaga agacaatttc ttccaggttt 660
ctaaaagcaa aataatgaat ggccactgat gaaaaattgt attatttatt cattcactgt 720
tttctagtgt ttctgtgttt attactgttc agcatcatct tggttatata ctgaaaatca 780
aacactttac tacagttgtg aattagttta aaccgtacaa tgttgttatc atatcatgct 840
tcaactatta aattaagccc atcatatcat agcactaaaa agattgagtt aaaaataaga 900
tttaaaaaat atatattgat taaaatgtac cactagaaag gtattacatg tgtataagta 960
tgggtaaaaa ggcaagtcac tagtttgaga tgaaaactaa aattttcatg gtaaaatgcc 1020
agcatgtatg tacttggtga gtgtgtactt ctaaacagag aaggcttata aaagtaaagt 1080
cattaaggcc aagtgcagtg gctcacaccg gtaatcccag cactttggga ggccgaggtg 1140
ggaggattgc ttgagtcctat gagttcaaga ccagtcctgg caacatagcg agactccatc 1200
tctataaata aaaaaaaagg aaatgcatta aatagaaggt tgatagttta tcataaacct 1260
gcggggaaga aactcagact ttctattttt gatattttgt gcattaatac attacaaaca 1320
tgaagatgtt tgtaaagttt tgttttagtc attttctttg cagtcacatc attgtaccac 1380
cttcattatt gtatagagct gcttcaattc tgagtcctct ggacttcccc tgcctatctg 1440
tttgttggtt ttgttgaaga cagtaaaata agtgttttca aatctatatg tctccttttt 1500
gttgataat gtttcttctt tttaatggta aatattcttg ttcttcaaca tttttctttg 1560
gttctttttt ctttttttag gaaaaacaaa acaacagact tcatccttag gttttctcaa 1620
gatttaagtg aacacattta cacatatcaa tttcttaaag aacacaaaat gtttctctcc 1680
tagcaaaact atttaagagc caattaaact atgaaatagt tataaaatta tttttaatat 1740
ttaaggcctt gaaattatat tccaaggcaa atctaaatgg gtgtagtgtg atatgcacga 1800
tgtaatttaa tgctaaagag tacttacagc ttgagggaag agcataaagt tttagttaaa 1860
tagccttcat actgtggatt tttcctccta ctaactaata tgtgggaaat taagattaca 1920
gatgcttttg gccccctcaa acagtacatt gctacagttc actgtagcaa cagatttggt 1980
ggtgatgggg ggatagaggt agaagcagat agaaggtaat tttaaagtta atttattatg 2040
aatcattttc ccctaactctg cataaatgaa ttagaactga ttttaataaa aatattctgt 2100
gtaaaaagta ctcaaaaaa catctaaagc tgttgagaa gagggactca tataaatagt 2160
tggattgcgt tttgcttttt atttctttat aaaaatatgt caaaaacagt ttttaatttt 2220
agaaatctta tacttgaaag aaacctcaat tatcagtggc tttatgaagt aaagttaaaa 2280
acaaacatag gaaatgtgaa aatattttgt tttgttttgt ctgactaact tgctgctaaa 2340
tgctatcttt aggtgtgtga aagttctttg atatgttatt gtccttttac atcttgtaa 2400
atagccattg cttttgagaa tcagatagtg tgttgtttag gggttaattg tgtctatata 2460
tttcaaaaac ttttatatta tgtattataa gaagttacag tagtaccatt ttgattagtc 2520
tgaatgtttt caggccttga aataaatttt gactaagtga taiaaaaaaaa a 2571

```

<210> 7569

<211> 1872

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (177)...(1350)

<223> similar to gi688292 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7569

```

ccaggaccca gcagtgcctt ctgtccactg ctctgggcca ttccccaatc cccctccca 60
cttgagcccc taactcagaa tctgggaccc aggggcccct ccctacccca gctaacctct 120
tctggaccag gagagccaac ccagatccca ctacctccat gagtgctaca gacaggatgg 180
ggcccaaagc tgtgccgggt ctgcggctgg cactgctggt gctgctgggg ctagggacac 240

```

```

ccaagtcagg ggtacagggg caggaagggc tggacttccc tgagtacgat ggtgtggacc 300
gtgtgatcaa tgtcaatgca aagaactaca agaattgtgtt caagaagtat gaggtgctgg 360
cactcctcta ccatgaaccc cccgaggatg acaaggcctc acaaagacaa tttgagatgg 420
aggagctgat cctggagtta gcagcccaag tcctagaaga caaggggtgtt ggcttcgggc 480
tggtagactc tgagaaggat gcagctgtgg ccaagaaaact aggcctaact gaagtggaca 540
gcatgtatgt attcaaggga gatgaagtca ttgagtacga tggcgagttt tctgctgaca 600
ccatcgtgga gtttctgctt gatgtcctag aggaccctgt ggaattgatt gaaggtgaac 660
gagagctgca ggcgtttgag aatattgagg atgagatcaa actcattggc tacttcaaga 720
gcaaagactc agagcattac aaagccttcg aggatgcagc tgaggagttt catccctaca 780
tccccttctt cgccaccttc gacagcaagg gggcaaagaa gctgaccctg aagctgaatg 840
agattgattt ctacgaggcc ttcattggaag agcctgtgac catcccagac aagccaata 900
gcgaagagga gattgtcaac ttcgtggagg agcacaggag atcaaccctg aggaaactga 960
agccggagag tatgtatgag acctgggagg atgatatgga tggaaatccac attgtggcct 1020
tcgcagagga agctgatcct gatggtttcg agttcttaga gactctcaag gctgtggccc 1080
aagataacac tgaaaaccca gatcttagca tcatctggat tgaccctgat gacttcccc 1140
tgctgggtccc atactgggag aagacgtttg acatcgactt gtcagcccca caaataggag 1200
tcgtcaatgt tactgatgcg gataggctat ggatggaaat ggacgatgag gaggacctgc 1260
cttctgctga ggagctggag gactggctgg aggatgtcct ggagggcgag atcaacacag 1320
aggacgatga cgatgatgat gatgactagt tgctatggca accatctttc agccccactg 1380
gtcttttcat gctctctcct gccttccctt gtccttccct gagttcctcc agggagacta 1440
ggttattctc tgccatagag ctaactgggg tctatatgct ggggtgctgag acactgatcc 1500
ccctcatttg atgagcaaat gagctacttt tccctagaca ccaggccag ctcttctctt 1560
atctgacttc tgtttcttat ccccataact tacgttgtat ctattatgtg tctcttccat 1620
cactctccat actctttctt gtgattctcc tctagccata tatatgggcc cctatctctg 1680
ttctgttccc tccatctatg cacagctttc cccactctc tctaatacctg tatctttctg 1740
actgtcctgt ccttggccag aaggaaggga gaataactgtg tttgggactg tatctcagca 1800
atcacttggt aatgtatttg ggtcaaatga gaggcctcaa taaagacatc tggggcagca 1860
tgaaaaaaa aa 1872

```

```

<210> 7570
<211> 1103
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (114)...(833)
<223> similar to gi4539600 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7570
ctggcccttt ctttcccgcg tgtagaatgt ggggcgcctg taaagttaag gttcacgatt 60
ccttggccac catttccatc actctgagac ggtacctgag attgggggcg accatggcaa 120
aaagcaagtt cgagtacgtg agggacttcg aggctgacga cacctgcctg gcacactgct 180
gggtggtagt gcggttgac ggccggaatt tccatcgggt tgctgagaag cacaactttg 240
caaaacccaa tgacagccgt gctctccagc tgatgaccaa atgtgcgcag actgtgatgg 300
aagaactaga ggatattgtg atcgcgtatg gacagagtga tgagtacagc tttgtgttca 360
agcggaaaac caattggttt aaaagaagag ccagtaagtt catgactcac gtggcctccc 420
agtttgctc cagctatgtg ttttattggc gggattactt tgaggaccag ccccttctgt 480
atccccccag ctttgacgga agagtcgtgg tgtatcccag caaccagact tttaaaggact 540

```

acctcagctg	gcgacaagca	gattgtcaca	tcaataatct	ttataatata	gttttctggg	600
cacttatata	acaatctgga	ctaaccaccag	tacaagccca	agggagatta	caggggaactc	660
ttgcagcaga	caagaatgag	attttgtttt	ctgaattcaa	catcaactat	aataatgagc	720
cgccgatgta	taggaaaggg	actgtgttga	tatggcagaa	ggtggatgaa	gtgatgacaa	780
aagaaattaa	gctgccaaaca	gaaatggaag	gaaaaaagat	ggcagtgacc	cggaccagga	840
caaagccatg	caagccctcc	cacctcccaa	gggctccttg	ccttaggtgg	ctgtagcatc	900
cctaccaccc	aggacactgg	tgcgaatgac	acaactcaag	ttggggagggg	gaacaggggaa	960
ggaagggatg	gatgggggtg	gtgtatctta	ctctgtttta	gcagaacacc	ttgtttgcgg	1020
tgttggaaca	tggttccttt	ggcagaagtg	cttttttttt	aatcgagta	ctatttttat	1080
aaagcaagaa	ctattccatg	cca				1103

<210> 7571  
 <211> 1258  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (1067)...(964)  
 <223> similar to gi2108256 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7571	
aagaaccgag	ggagaagccg gatgtttgca aacaatcgag gagacgactt gcggaccaga 60
cggcgcggac	gtgttcgtac ccggagcctc tgcgtggaag agcgcgttcg tcgcgaccct 120
gccgctgctg	ttggtcctcg cggcgctggc gctgggcgtc ctccggaagc agcggagaag 180
ccgagaaaag	ctgaggaagc aggcggagaa gagacaaggt gagcggggac agggcgttct 240
gcacgcacct	gccccagtg caaaacccgc cgtcatctaa aggctgtggg tcccgttacg 300
agggtttatt	ccagcgcgag gtgtcagggc ggccaccggg gaacggggat cggtgacccc 360
ggtggggaag	ggggaagatc gttcatatgg acaaaagcgg aggtgcggaa cggctgcatt 420
ttccacggag	gctagtgcac agatgtcagg gttgaccggc tgctgtcgtt acgccctcgg 480
agcttcacat	cacactgtac agagggagcg gtgaccaggg tctctgctgc cagcgccacc 540
tcgtccagg	gtttcatagc cacaggaggt cgggcggatg cgcaacatct ccgcacaggg 600
tcagggaagc	gcggtcaggc accgagaaaa cagcccagtt acgtgaggca gtgtccgggg 660
cttaacggtt	ccgccgagct aatagatttg ggaggctccg accctgattt tcacactagc 720
aggagggagg	gcgctgggtc accctcctat gcagaaggc agccaagggt gcgcacttcc 780
ccatcccctg	cctggagcct cacttccagc ccagcctggg cccgcagacc accgcgggtg 840
ggagtgccgc	atcggagggtg aggcctcagt gttcacccat ctgttctgtc tgcctcattc 900
cccaacctga	gagtctttcc ccttttcttc atcttttttt tttttttgcc caaaaaaac 960
cccccgaaa	aggggggaaa ttttgggggg ggggcccaca gggttgcttg taagggaccc 1020
ttggccttgg	gaagggggag gggggccccc tttggaacgg gggggggaaa aaattaaatt 1080
taaacctcc	ctggggggccc cccccctttc cctttgtaag ggggtaaaag ggaggggtgc 1140
ttccccccgg	caatttccca aaaacctttg gaaaaaacct ggcaagctct cccctggaaa 1200
ataaaacatt	ccagtaaaaa ttcttaaaaa acggttaatg gggtccgggt tatttttt 1258

<210> 7572

<211> 791  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(792)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (443)...(321)  
 <223> similar to gi4099277 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7572  
 agcagcaagg agtacatttc ccaacacagg aaatgccggt ggctgttggc tctggcccca 60  
 gcctcttctc tgctcccggg ttttttcttg gattcctgga atccttgggg gtcagagact 120  
 cattcagaga gcaagactct ggtctctgcc ctgcttcagc acccaaactct ttagggagct 180  
 ggctggtggg ctgccaggca gttaggccta tggagagctg ctgtcagtct ctctaggagg 240  
 ccatggtttc ctgcatgttg gggagagccc catccccag actctggagt gagtttaatt 300  
 tccaaggca agtctgcctg attgtcctct cctttcctta ccttcagcac caagaagttt 360  
 ccggtcccgg tacagatcag tgaggaagag gctattgaca agtgtggatt tgcccaggcc 420  
 aaactctcct gagaggagag aggacagagg caccaaactca gaagggaccc ttctctgggc 480  
 tgtctgatag tctgcagaga cacagctgct tccgtgctct aggagagagg gactccttg 540  
 agatctgata tcactagtag tctgaattct ttggatgggc tcagtttgta ctgcttcac 600  
 ctttgggtaa gacaaaatcc tacggggaac tctgactcct tgggggttct ggaccttgga 660  
 tgggtgggtca tcttctaaga tttgtgattg taagttattc ttctgggtctt gaaaactcaa 720  
 ctgatgagta gatttggcat ctgggattga tgaagcatga tggcccgacc tcggcgncct 780  
 gactttgctc t 791

<210> 7573  
 <211> 1770  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (273)...(774)  
 <223> similar to gi4929717 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7573  
 tcagatcgcc cagagtggcg cggtatcgcc acttgagagc caccgcgaat gaagtttgca 60  
 ttttctctctg ttcttgagcc cagcttcttc tcgtctccca cccagcttc ccggcattgg 120  
 aagaagggac cgtcctcttc cttgtcttgg ccacccaaat cctggtatcg aaagggttga 180  
 acggaccgga agtgtgcagc agcgacgggt cccagcctaa tcgacgccgg aagtagcaat 240

tactagacaa	gcattccgcc	gccggcttcg	ctatggcggc	aattccccca	gattcctggc	300
agccacccaa	cgtttacttg	gagaccagca	tgggaatcat	tgtgctggag	ctgtactgga	360
agcatgctcc	aaagacctgt	aagaactttg	ctgagttggc	tcgtcgagg	tactacaatg	420
gcacaaaatt	ccacagaatt	atcaaagact	tcatgatcca	aggaggtgac	ccaacaggga	480
caggtcgagg	tgggtgcatct	atctatggca	aacaatttga	agatgaactt	catccagact	540
tgaaattcac	gggggctgga	attctcgcaa	tggccaatgc	ggggccagat	accaatggca	600
gccagttctt	tgtgaccctc	gccccacccc	agtggcttga	cggcaaacac	accatttttg	660
gccgagtgtg	tcagggcata	ggaatggtga	atcgcggtgg	aatggtagaa	acaaactccc	720
aggaccgccc	tgtggacgac	gtgaagatca	ttaaggcata	cccttctggg	tagacttgct	780
accctcttga	gcagctcttc	tgagatggcc	ccagtgaacc	agcttctaga	tgacatagaa	840
tgacatgtaa	tgctaaattc	attttggtct	tgcaagtcac	gaagcttagg	aggcctggca	900
tcttggtgga	gttagagatg	gaagtacatt	ttaataggat	gcttcttttc	tcttccccc	960
gtgcctagg	tgccagagca	tttgacacaaa	tgccctgtt	tatcaatagg	tgactactta	1020
ctacacatga	accataatgc	tgttcttctg	gcatgtctgc	tctgatatac	gtcgaacaat	1080
gtagcagcca	ctgtcatttc	tcagtgtgtt	tgccaaacca	aacttcttcc	taaggagatt	1140
tatattctgg	cctacacagc	agtccttgat	ggctgacagc	cacagaattc	caaaccaagt	1200
agtgtctgtc	agccctctta	actctgtgca	cgcctatctt	cagtctttta	catttggtct	1260
tctagggaat	gtatgcatct	ctatatatat	tttccctctc	aaaaccagaa	catcaacagt	1320
gctgtttctg	acacttcaga	catcccacgc	aaagccacat	tgaatttttg	ccaaatgaaa	1380
aacacatcca	acaatcaagg	tttctaagaa	ggtgtcaagt	ggggaataat	aataatgtat	1440
aataatcaag	aaattagttt	attaaaagga	agcagaagca	ttgaccattt	tttcccagag	1500
aagaggagaa	atctgtagtg	agcaaaggac	agaccatgaa	tcctccttga	gaagtagtac	1560
tctcagaaag	gagaagcgcc	actcaagttc	ttttaaccca	agactttaga	gaaattaggt	1620
ccaagatttt	tatatgttca	gttggttatg	tataaaaata	actttctgga	ttttgtgggg	1680
aggagcagga	gaggaaggaa	gttaatacct	atgtaataca	tagaaacttc	cacaataaaa	1740
tgccattgat	ggttgaaatt	aaaaaaaaaa				1770

<210> 7574

<211> 2061

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (66)...(1254)

<223> similar to gi2558891 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7574

tttgatcgcc	tgcgatcccc	ccggaatacc	gggcgaccca	cgcgtccggt	ctgaagccgg	60
taaacatggc	cgtcaccgac	agcctcagcc	gggctgcgac	tgtcttggca	actgtgttgc	120
tcttgtcctt	cggcagcggt	gccgctagtc	atatacgagga	tcaagcagaa	caattcttta	180
gaagtggcca	tacaaacaac	tgggctgttc	tgggtgtgtac	atcccgattc	tggtttaatt	240
atcgacatgt	tgcaaatacc	ctttctgttt	atagaagtgt	caagaggcta	ggtattcctg	300
acagtcacat	tgtcctaata	cttgacagatg	atatggcctg	taatcctaga	aatcccaaac	360
cagctacagt	gtttagtcac	aagaatatgg	aactaaatgt	gtatggagat	gatgtggaag	420
tggattatag	aagttatgag	gtaactgtgg	agaatttttt	acgggtatta	actggggagga	480
tcccacctag	tactcctcgg	tcaaaacgtc	ttctttctga	tgacagaagc	aattattctaa	540
tttatatgac	agggcattgg	ggaaatggtt	tcttaaaatt	tcaagattct	gaagaaatta	600
ccaacataga	actcgcggat	gcttttgaac	aaatgtggca	gaaaagacgc	tacaatgagc	660



tactgtttat	tattgatact	tgccaaggag	catccatgta	tgaacgattt	tattctccta	720
acataatggc	tctagctagt	agtcaagtgg	gagaagattc	actctcgcat	caacctgac	780
ctgcaattgg	agtcacatct	atggatagat	acacatttta	tgtcttgga	tttttggaag	840
aaattaaccc	agctagccaa	actaatatga	atgacctttt	tcaggtatgt	ccaaaagtc	900
tgtgtgtgtc	tactcctgga	catcgcaactg	atctttttca	gagggatcct	aaaaatgtac	960
tgataactga	tttcttttga	agtgtacgga	aagtggaaat	tacaacagag	actattaaat	1020
tgcaacagga	ttcagaaatc	atggaaagca	gctataagga	agaccagatg	gatgagaaac	1080
taatggaacc	tctgaaatat	gctgaacaac	ttcctgtagc	tcagataata	caccagaaac	1140
cgaagctgaa	agactggcat	cctcctgggg	gctttattct	gggattatgg	gcacttatta	1200
tcatgggttt	cttcaaaaact	tatggaatta	agcatatgaa	gttcattttt	tagagttgat	1260
gatgaatgaa	gaatgcatgg	aggactgcaa	acttgataaa	taatttatgt	cattatata	1320
ttttaaaaat	gtgtttctct	tgtatgaatt	ggaaataagt	ataaggaaac	taaatttgaa	1380
tcaactatta	attttataac	ttaaagaaaa	ataattgtta	atgcaactgc	ttaatggcac	1440
taaatatatt	ccagttttgt	attttgtgta	ttataaaagc	gaatgagaca	gagatcagaa	1500
tacattgact	gtttttgaaa	atagtaattt	ccccttatcc	ccttttcatt	tggaagaa	1560
acaattgtga	agacattaaa	ttctcactaa	cagaagtaac	tttggttaat	tattttttgt	1620
atatcctccc	aatcttttga	cttatgcaca	tattttttcc	caatatggag	atcatatgga	1680
atgtactatt	ttgtaatgtc	ttttttcatt	ttacaatgta	ttatcaacct	tttccctctc	1740
aaaaatacat	tgtgaatgac	tgcatagtat	tcactttatg	aatattta	tcatttcaca	1800
gtcttctatt	gttgaccac	ttacattgta	ccaaatgttt	tcctttgggt	tattcttta	1860
tgtattaata	ttttactgct	ggtcactcat	ggaatcctgc	agctttaatt	aaaagcaaag	1920
atgaaaaatt	ggttttttaa	tctatggcac	tgacaatctc	caggacctta	tatgtttgtt	1980
gtcagtttat	ttgggaaatt	ttagaccttt	gataatttca	cgtactgact	gctcaagaga	2040
aacatacccc	attgtttttc	a				2061

<210> 7575

<211> 3446

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (456)...(1808)

<223> similar to gi3881497 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7575

agggcagttc	cggcccagg	gcggggatta	tgttattttc	ccaaaagccc	cacctcgct	60
catccggg	ggagagagg	aggtctcg	ctttcccg	ggttgcg	cgcccgag	120
gctgcgcga	ggcgctgac	agccgctgc	attctacgta	acggacggcg	gaggctacgt	180
gaagagaggc	gcggcgtag	tgagctacgg	ttctggctgc	gtcctagagg	catccggggc	240
agtaaaaccg	ctgcgatcg	ggaggcggcg	gccaggccga	gaggcaggcc	gggcaggggt	300
gtcggacgca	gggcgctggg	ccgggtttcg	gcttcggcca	cagctttttt	tctcaagggtg	360
caatgaaagc	cttcacact	ttctgtgttg	tccttctgg	gtttgggagt	gtctctgaag	420
ccaagtttga	tgattttgag	gatgaggagg	acatagtaga	gtatgatgat	aatgacttcg	480
ctgaatttga	ggatgtcatg	gaagactctg	ttactgaatc	tcctcaacgg	gtcataatca	540
ctgaagatga	tgaagatgag	accactgtgg	agttggaagg	gcaggatgaa	aaccaagaag	600
gagattttga	agatgcagat	accaggagg	gagatactga	gagtgaacca	tatgatgatg	660
aagaatttga	aggttatgaa	gacaaaccag	atacttcttc	tagcaaaaat	aaagacccaa	720
taacgattgt	tgatgttcct	gcacacctcc	agaacagctg	ggagagttat	tatctagaaa	780

ttttgatggg	gactgggtctg	cttgcttata	tcatagaatta	catcattggg	aagaataaaaa	840
acagtgcgct	tgacacaggcc	tggtttaaca	ctcatagggga	gcttttggag	agcaacttta	900
cttttagtggg	ggatgatgga	actaacaaaag	aagccacaag	cacaggaaaag	ttgaaccagg	960
agaatgagca	catctataac	ctgtgggtgtt	ctgggtcgagt	gtgctgtgag	ggcatgctta	1020
tccagctgag	gttcctcaag	agacaagact	tactgaatgt	cctggcccgg	atgatgaggc	1080
cagtgagtga	tcaagtgcaa	ataaaaagtaa	ccatgaatga	tgaagacatg	gatacctacg	1140
tatttgctgt	tggcacacgg	aaagccttgg	tgcgactaca	gaaagagatg	caggatttga	1200
gtgagttttg	tagtgataaa	cctaagtctg	gagcaaagta	tggactgccg	gactcttttg	1260
ccatcctgtc	agagatggga	gaagtcacag	acggaatgat	ggatacaaaag	atggttcact	1320
ttcttacaca	ctatgctgac	aagattgaat	ctgttcattt	ttcagaccag	ttctctggtc	1380
caaaaattat	gcaagaggaa	ggtcagcctt	taaagctacc	tgacactaag	aggacactgt	1440
tgcttacatt	taatgtgcct	ggctcaggta	acacttacct	aaaggatatg	gaggcactgc	1500
taccctgat	gaacatgggtg	atttatttcta	ttgataaaagc	caaaaagtgc	cgactcaaca	1560
gagaaggcaa	acaaaaagca	gataagaacc	gtgcccaggt	agaagagaaac	ttcttgaaaac	1620
tgacacatgt	gcaaagacag	gaagcagcac	agtctcgcg	ggaggagaaa	aaaagagcag	1680
agaaggagcg	aatcatgaat	gaggaagatc	ctgagaaaaca	gcgcaggctg	gaggaggctg	1740
cattgaggcg	tgagcaaaaag	aagttggaaa	agaagcaaata	gaaaatgaaa	caaatcaaaag	1800
tgaaagccat	gtaaagccat	cccagagatt	tgagttctga	tgccacctgt	aagctctgaa	1860
ttcacaggaa	acatgaaaaa	cgccagtgcca	tttctcaacc	ttaaatttca	gacagtcttg	1920
ggcaactgag	aaatccttat	ttcatcatct	actctgtttg	gggtttgggg	ttttacagag	1980
attgaagata	cctggaaaagg	gctctgtttc	aagaattttt	ttttccagat	aatcaaatta	2040
ttttgattat	tttataaaaag	gaatgatcta	tgaaatctgt	gtaggtttta	aatatttttaa	2100
aaattataat	acaaatcatc	agtgtcttta	gtacttcagt	gtttaaagaa	ataccatgaa	2160
atattatagg	agataaccag	attgtttgctt	tttgtttaaa	ccaagcagtt	gaaatggcta	2220
taaagactga	ctctaaacca	agattctgca	aataatgatt	ggaattgcac	aataaacatt	2280
gcttgatgtt	ttcttgtagt	tctacattaa	acttgagaaa	aagtaaaaat	tagaacactg	2340
tatgtagtaa	tgaaatttca	gggacccaga	acataatgta	gtatatgttt	ttaggtggga	2400
gatgctgata	acaaaattaa	taggaagtct	gtaggcatta	ggatactgac	atgtacatgg	2460
aaaattctag	ggacaggagc	atcatttttt	ccttacctga	taccacgaac	cagtgacaac	2520
gtgaatgctg	tatttttaagt	ggttgtatgt	ttattttctt	gagtaacaaa	tgcatgaaaa	2580
attaatgctt	cacctaggta	agatcattgg	tctgtgtgaa	atcacaaatg	ttttttcctt	2640
cttggttgct	gcagcctggg	ggatgttcat	ggagaagctc	tgttctctat	attatggctg	2700
tgtgcogttg	cttctccctc	tgctttttatc	ttttccacag	ttgaggctgg	gtatgttctt	2760
tcaaagaaat	ggccatgaat	atgtgttaagt	atacttttga	aaatgagctt	tcctaaacta	2820
ttgagagtcc	tttccacctc	ttgcggaacc	aactcttgga	ggagaggccc	atgtatctgc	2880
acgagcactt	agcttggttca	gatctctgca	ttttataaat	gcttcttacc	aagaaagcat	2940
tttttaggtca	ttgcttgtag	caggtaattt	ttgccgggga	tgggtaaggg	ttgggttttc	3000
tggtgggagt	gggtgggtgg	gtattttttg	ttgatgcttt	agtgcaggcc	tggtctgagg	3060
caataacaag	ttgctgtgaa	aacagcatgt	gctgctgcct	ttgtaactgc	atggaaactt	3120
ttcacatggg	tttttctcca	agttaatata	gaaatatgta	aactgagaga	tgcaaatgta	3180
atatttttaa	cagttcatga	agttgttatt	aaaataacta	acataaaaact	taattacttt	3240
aatattatat	aattatagta	gtggccttgt	tttaaaaacc	tttaaaattac	attttagaaa	3300
tcaaagttga	tagtcttagt	tatcttttga	gtaagaaaag	ctttcctaaa	gtcccatata	3360
tttgaccat	ggcagctaata	tttgtaactt	aagcattcat	atgaactacc	tatggacatc	3420
tattaaagtg	attgacaaaa	aaaaaa				3446

<210> 7576  
 <211> 2142  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (233)...(572)  
 <223> similar to gi5851944 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7576

agaggcctgc	gccccacccc	tctcctgtcc	agccttcgcc	cgccctgggca	gggcccggcg	60
cogtccgtgg	atgagccaca	gaacctcttc	caccttcoga	gcggagagaa	gtttccattc	120
ctcttcttct	tctcctcctc	cttccacctc	ctcctcggcc	tcccgtgccc	tcccggccca	180
ggaccgcgcc	atggagaagg	ccctgagcat	gttttccgat	gactttggca	gcttcatgcg	240
gccccactcg	gagcccctgg	ccttcccagc	ccgccccggg	ggggcaggca	acatcaagac	300
cctaggagac	gcctatgagt	ttgcggtgga	cgtgagagac	ttctcacctg	aagacatcat	360
tgtcaccacc	tccaacaacc	acatcgagg	gcgggctgag	aagctggcgg	ctgacggcac	420
cgtcatgaac	aacttcgctc	acaagtgcc	gctgccggag	gacgtggacc	cgacgtcggg	480
gacctcggct	ctgcgggagg	acggcagcct	cactatccgg	gcacggcgct	acccgcatac	540
agaacacgtc	cagcagacct	tccggacgga	gatcaaaatc	tgagtgcctc	tcccttccct	600
ttccctgtcc	ccccgcccc	cgccctgcc	caaagcctcg	ctaaccccat	tacaacagct	660
ccaggacatc	tcagcccagg	ttctagcccc	cacgcacccc	agaccccagg	tggaccatcc	720
tcccaacta	gggcccctca	ctctatccag	ggcaggccag	ggactccctg	gcctgacaca	780
tgatgcccag	atttcagatt	tggcctccgt	cacttaatcc	agagtacagg	ggctgggggtc	840
aggggaaggaa	gatctaaaga	acccactgtg	ggtcaggggga	atgggaccag	caggacatat	900
gggcaagctc	tgcaggacag	acaggcagac	aaaccctctg	atctatgaag	tctctgcagg	960
gcaaggggac	cagggacctg	gaaccctctt	ggccaagggg	agtgggagag	acagagggaa	1020
ggtcacaggc	aaggggtgct	atctaagtgg	aactaattgc	ccgaggggctc	agcaaggcca	1080
agaggagaca	gcggtgacgg	taaacttccc	ctctaccagc	ctccaagccc	cacgccagcg	1140
agcaggctgc	ctgcccaccc	cgtgccccca	gccagctggc	tgtgccaggg	cagagccatg	1200
ccacatctgt	atatagatgg	ggttttttcca	atacagctgg	ttcgtgataa	actgcatgaa	1260
actcctgcgc	tcttgccgct	gctggggcct	ccaggcaagg	ccaagtgggg	ttgggggtgg	1320
ggctggctct	tctccctccc	acaggcctgt	gttcttgggg	ctgctcccat	gcagacagga	1380
tcacctaa	gagatggaag	ccagggcctg	gatggggctt	tgggtcctcg	agggtggacc	1440
ccagcttctt	gccaccttcc	cctccgggca	gtcagctctc	catccatccc	cctctttaat	1500
ctatgaatct	ataggctcgg	tgtgtgtaac	acacacaccc	ctatcgttgt	ccttcaaata	1560
ctcagcatta	ccattgggtg	aggccaaatt	cagagctttc	tcaaatcaga	tttacaatct	1620
ccattttcat	taacggggaa	acatccccga	gccactgagt	gctgtgcttt	gtcactgaag	1680
gttagatctg	aaccagggt	gtcaacagct	gctctcaact	ccccacctct	gggcactgag	1740
gagtatttcc	cctcattcta	cctctctaa	gctatgcacc	cctccccacg	tcttccagct	1800
gggggatggg	gggagtcata	ggaaaagccc	ccatctccca	tctgggatag	ggaccttcca	1860
tcagccttaa	ccctgggaaa	tgcctgctgc	ccccagtgac	tcttggtttc	gtctcccaca	1920
tacagaagca	gggtggaggg	gaaggggtgg	tctcagttag	caggggtccc	cagggcaagt	1980
cagcctcctc	cctccatgcc	tctctggtca	gtgtgcctta	gggtggcctc	tcactcccac	2040
cactctgggc	cccttggggg	aggactgggg	agggggccgt	gggagagccc	tgacgctgga	2100
acctgtatac	acaataaagg	acagtctcac	agaaaaaaaa	aa		2142

<210> 7577  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (44)...(646)

<223> similar to gi599691 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7577

caagatggcg	gtgctgtcag	ctcctggcct	gcgcggcttc	cggatccttg	gtctgcgctc	60
cagcgtgggc	ccggctgtgc	aggcacgagg	tgtccatcag	agcgtggcca	ccgatggccc	120
aagcagcacc	cagcctgccc	tgccaaaggc	cagagccgtg	gctcccaaac	ccagcagccg	180
gggcgagtat	gtggtggcca	agctggatga	cctcgtcaac	tgggcccgcc	ggagtctctt	240
gtggcccatg	accttcggcc	tggcctgctg	cgcctgtggag	atgatgcaca	tggcagcacc	300
ccgctacgac	atggaccgct	ttggcgtggt	cttccgcgcc	agcccgcgcc	agtccgacgt	360
catgatcgtg	gccggcacac	tcaccaacaa	gatggcccca	gcgcttcgca	aggtctacga	420
ccagatgccg	gagccgcgct	acgtggtctc	catggggagc	tgcgccaacg	gaggaggcta	480
ctaccactat	tcctactcgg	tggtaggggg	ctgcgaccgc	atcgtgcccg	tggacatcta	540
catcccaggc	tgcccaccta	cggccgaggc	cctgctctac	ggcatcctgc	agctgcagag	600
gaagatcaag	cgggagcgga	ggctgcagat	ctggtaccgc	aggtagcgcc	gccgccgccg	660
ccgccggagc	ctgtcgccgt	cctgtcccca	gcctgcttgt	gtcccgtgag	gttgtcaata	720
aacctgccct	cgggctgccg	caaaaaaaaa	aa			752

<210> 7578

<211> 1241

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (273)...(641)

<223> similar to gi3877252 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7578

tccttcgagc	tactccgtct	ggccccgcct	tttctctgct	ctcctgaacc	tttaggcttg	60
tctcgggcca	tttgaagacc	aggaagttga	tcaatcccga	ggctgctgag	agacggtggc	120
gcgattggga	cagtcgccag	ggatggctga	gcgtgaagat	gcagcgggtg	tccgggctgc	180
tctcctggac	gctgagcaga	gtcctgtggc	tctccggcct	ctctgagccg	ggagctgccc	240
ggcagccccg	gatcatggaa	gagaaagcgc	tagaggttta	tgatttgatt	agaactatcc	300
gggacccaga	aaagcccaat	actttagaag	aactggaagt	ggtctcggaa	agttgtgtgg	360
aagttcagga	gataaatgaa	gaagaatatc	tggttattat	caggttcacg	ccaacagtac	420
ctcattgctc	tttggcgact	cttattgggc	tgtgcttaag	agtaaaactt	cagcgatggt	480
taccatttaa	acataagttg	gaaatctaca	tttctgaagg	aaccactca	acagaagaag	540
acatcaataa	gcagataaat	gacaaagagc	gagtggcagc	tgcaatggaa	aaccccaact	600
tacgggaaat	tgtggaacag	tgtgtccttg	aacctgactg	atagctgttt	taagagccac	660
tggcctgtaa	ttgtttgata	tatttgttta	aactctttgt	ataatgtcag	agactcatgt	720
ttaatacata	ggtgatttgt	acctcagagc	attttttaaa	ggattctttc	caagcgagat	780
ttaattataa	ggtagtacct	aatttgttca	atgtataaca	ttctcaggat	ttgtaacact	840
taaagtatca	gacagaataa	tattttctag	ttattatgtg	taagatgagt	tgctattttt	900
ctgatgcccc	ttctgatata	aatacttttc	atgtccaata	tctactgtgc	ccaaatgtac	960
tcaatttaaa	taattacttt	gtaaaataaa	taagcagatg	attcttgtaa	aaaaaaaaa	1020

cagctgggca	tggtggctca	tgctgtaat	cccatcactt	tgggaggctg	aggtgggtgg	1080
atcacaaagt	caggagttca	agaccagcct	ggccaatatg	gtgaaaccct	gtctctacta	1140
aaggtgtaaa	aattagctgg	gcgtgggtgg	gggtgcctac	agtcccagct	gcgcaggagg	1200
ctgaggcagg	agaatcgctt	gaacccggga	ggtggaggct	g		1241

<210> 7579

<211> 1481

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (134)...(985)

<223> similar to gi3378447 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7579

cgacccacgc	gttcgcgcga	tgctggcgac	gctggcgagg	gtggcagctc	tcgcgaaaac	60
ctgcctcttc	tcgggcggg	gcggcgagg	ggggctgtgg	actggccgcc	cgcagtcaga	120
tatgaacaat	ataaagccat	tggaaggggt	aaaaattctg	gatctaaca	gagtcctggc	180
gggacctttt	gctactatga	atttaggaga	tcttgagca	gaagttataa	aagtgagag	240
accaggagct	ggtgatgata	cacgaacttg	ggggccacct	tttgttggga	cagaaagtac	300
atattatctc	agtgttaacc	gaaataaaaa	aagtattgct	gttaatatca	aggatccaaa	360
aggggtgaaa	atcatcaaag	agcttgcagc	tgtttgtgat	gtgtttgtgg	aaaactatgt	420
ccctggcaaa	ctgtctgcaa	tgggcctggg	atatgaagat	atagacgaga	ttgctcctca	480
catcatctat	tgttccatca	cagggtatgg	tcagacaggt	ccaatttctc	agcgagctgg	540
ttatgatgct	gttgcctcgg	ctgtttctgg	tctgatgcac	atcacagggc	ctgaggtggc	600
gtgtttgtct	cacatagctg	caaattatct	tattggtcaa	aaggaagcaa	aacgttgggg	660
tacagctcat	ggcagtatcg	ttccttacca	ggcttttaaa	accaaggatg	gctatattgt	720
agttggagca	ggaaataaacc	agcagtttgc	caccgtctgc	aagatcttgg	atttgccctga	780
gttgattgat	aattccaagt	ataaaaactaa	ccaccttcgg	gtacacaata	gaaaagagct	840
tattaaaata	ttatctgaac	ggtttgaaga	agaactgacc	agcaagtggg	tatatctttt	900
tgaaggcagt	ggagtcccgt	atggcccaat	caacaacatg	agaatgtat	ttgcagaacc	960
tcaggattta	cacaatggcc	tcgttatgga	gatggagcat	ccaactgtgg	ggaagatttc	1020
cgtcccaggc	ccagctgtga	gatacagtaa	gttcaagatg	tcagaggcca	ggccgcccc	1080
gctgctcggg	cagcacacaa	cgcacatcct	gaaggaggtc	ctgagatacg	atgacagggc	1140
catcggggag	ctgctcagcg	ctggagtggg	ggaccaacat	gaaactcact	gacaaaggaa	1200
aagggctctt	cctcataaacc	tcgatccgaa	tacactggca	aaggcaacac	tttgcttgga	1260
cccttctccc	cagttctgat	accactaaaa	agaagattta	gagtaactcc	agatttctta	1320
catggcatct	ccagaatggc	tctggtatta	atgaatctag	tgctttttaa	atgtatccca	1380
cgttttgttc	cctaccatct	tttttttcag	atgatgattt	cattatggat	ttgtgggatt	1440
tttaaaaata	aagttttaat	ttttttcctg	gaaaaaaaaa	a		1481

<210> 7580

<211> 2303

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2304)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (107)...(865)

<223> similar to gi3881134 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7580

catcggaacc	gccccggaat	ccgggtcgac	ccacgcgtcc	gggctggctt	ctgcgtgggtg	60
cagctgcgca	cgtgtttcag	ccggcagcgc	tttaagattt	ccggggatgg	aatccgaaat	120
ggaaacgcag	agcgccgggg	cagaggaggg	ctttaccag	gtcaccgcga	agggtgccg	180
acgggcgaag	aaacgcacag	ctgaacagct	gtccgcagca	ggagagggcg	gggatgcggg	240
ccgcatggac	acagaggagg	ccaggccggc	gaagaggccc	gtcttcccac	ccctctgtgg	300
ggacgggctc	ctgagtggga	aagaagaaac	aagggaaatt	ccagtcccag	ctaacagata	360
cacaccattg	aaagaaaact	ggatgaagat	atttactcct	attgtggaac	atttgggact	420
tcagatacgc	tttaacttga	aatcaaggaa	tgtagaaatc	aggacttgta	aagaaaccaa	480
ggatgttagt	gctctgacaa	aagcagctga	ttttgtgaaa	gcttttattc	tcggctttca	540
ggtggaggat	gcacttgccc	tcatacaggt	ggatgacctc	ttcctagagt	cttttgaaat	600
tacagatggt	aaacccttaa	agggagacca	tctatccagg	gcaataggaa	gaatcgctgg	660
caaaggaggga	aaaaccaaat	tcaccataga	gaatgtgaca	cggacaagga	tagttttggc	720
tgatgtgaaa	gttcacatcc	ttggctcctt	ccaaaatatc	aagatggcaa	gaactgccat	780
ttgcaaccta	atcttgggaa	atcctccttc	caaggtttat	ggcaatatcc	gagctgtggc	840
tagcagatca	gcagatcgat	tctgatttca	agtcagagac	tttttatctt	gcctttggac	900
tctggtgaaa	aatactttac	agtggtcggt	cacaagaaac	catctgaaca	atttcagtca	960
tttgaagcct	cgtcccttc	ttccattctc	agccagaagc	ataaacagaa	aagaaagatt	1020
taagaggatt	cacactcaac	agggttttag	ataatttaaa	tatcaaaaat	tgattgttat	1080
acttacacat	taggtataat	ttatcattta	tctgaaatca	catgtagcag	attgcatagt	1140
ctgtaatcct	ctcagaggga	aacttcttgt	ttaaacagct	ctatatggat	ttatactttt	1200
atattttata	attttataact	tcatacaaat	ttataaacad	ttctttataa	attgtaattt	1260
aatagattat	ctcagaaaaa	cctctctgaa	tgatgaccct	tccttaatac	tgggtgatgt	1320
gtgaatatat	gtttgttggc	agacagggtc	tcactttgtc	accaggcta	gagtgcagtg	1380
gtgcaatctc	agctcactgc	agcctctgcc	tcctgagttc	aagtgatcct	cctgcttcag	1440
cctccctagt	agctgggact	acaggatatc	accaccatgc	ctggctaatt	ttttgtattt	1500
tttgtagaga	tggggtttcg	ccatggtgac	caggctggtc	ttgaactcct	ggccctcaag	1560
ggatccgtcc	gcctcagcct	cccaaagtgc	tgggattaca	ggcataagcc	actgcgcctg	1620
gccttgatgt	gtgaatatat	gagaggatcat	aagcagtggg	tttggccaat	ncccgatta	1680
tacccatata	catcagtaag	agctcatctt	ggaacctgtt	ttgcagtttc	ttgcagtttc	1740
aaaaattaaa	gacctacatc	acagggttaa	tgtgaagaaa	gctttatttt	tcaaatgagt	1800
atttaattgaa	agtatacata	accaatgttg	ggtatacaga	tgcttctcaa	cttatgatgg	1860
gttttaggtcc	agataagccc	actgtgagtt	gaaaatacca	aaagtcaaac	atcatagctt	1920
agcctacctt	aaaaggggtc	cgaacactac	attagcctac	agttgggcaa	aatcgtctaa	1980
tacaaagcct	attttataat	aaagtatggt	gaatatctca	tgtaattttt	gaagattaca	2040
ttgaaagtga	aaaacagaat	ggttgggtac	ttgaaataca	gcttctactg	aatgaataat	2100
tctaaagtgt	aaaaataata	gtaagaccca	tcataagtct	gtttcttcta	gtaaagggtga	2160
aatgatgaaa	gaatgctttt	ttcccaccca	aaaaactatg	ctctataaat	gcagatttagc	2220
tagtttctgc	ctgttttaaat	ggtattattt	tatacattac	aaaatggaag	gaacttactt	2280
tattaaactt	aactttgata	aaa				2303

**SECRET**

```
<210> 7582
<211> 2459
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (11)...(919)
<223> similar to gil039318 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

6209

tgggacagcc	atggtttcag	acgaagatga	attgaatcctt	ctggttattg	tagttgatgc	60
caacccaatt	tgggtgggaa	agcaagcatt	aaaggaatct	cagttcactt	tatccaaatg	120
catagatgcc	gtgatgggtgc	tgggaaattc	gcattttattc	atgaatcggt	ccaacaaact	180
tgctgtgata	gcaagtcaca	ttcaagaaaag	ccgattctta	tatcctggaa	agaatggcag	240
acttgagagac	ttcttcggag	accctggcaa	ccctcctgaa	tttaatccct	ctgggagtaa	300
agatggaaaa	tacgaacttt	taacctcagc	aaatgaagtt	attggtgaag	agattaaaga	360
tctaatagacc	aaaagtgcaca	taaaaggtca	acatacagaa	actttgctgg	caggatccct	420
ggccaaaagcc	ctttgctaca	ttcatagaat	gaacaaggaa	gttaaagaca	atcaggaaat	480
gaaatcaagg	atattgggtga	ttaaggctgc	agaagacagt	gcgttgacgt	atatgaactt	540
catgaatgtc	atctttgcag	cacagaaaca	gaatattttg	attgatgcct	gtgttttaga	600
ctccgactca	gggctcctcc	aacaggcttg	tgacatcacg	ggaggactgt	acctgaaggt	660
gcctcagatg	ccttctcttc	tgacgtatct	gctgtgggtg	tttcttcccg	atcaagatca	720
gagatctcag	ttaatcctcc	cacccccagt	tcatgttgac	tacagggctg	cttgcttctg	780
tcatcgaaaat	ctcattgaaa	ttggttatgt	ctgttctgtg	tgtttgtcaa	tattctgcaa	840
tttcagcccc	atttgacta	cgtgcgagac	agcctttaa	atttctctgc	ctccagtgt	900
gaaagccaag	aaaaagaaac	tgaaagtgtc	tgcttgagga	taaaatat	tccccatctt	960
ttagagctgt	taatagaaat	tatatagcag	attctttgtt	gggaagactg	aaaaaaaaataa	1020
agataggtat	aggataat	ttaatatggt	gaccttacag	aaaatat	ccaaacatcc	1080
ttttcatcct	gtgcttctgg	aggactgatt	tgtttgaggg	aatcattcta	tgcatatat	1140
cctaaaatat	tctatgactg	gtttctgtcc	atgtttgtgg	ctttcatttt	tttaatggga	1200
tgactattag	tcaaagtcag	cttgtcatga	ctcatcatag	gctttctaac	ctactccctg	1260
aatccgggtc	ctcattgtga	aatgcatgcc	atacgaaatt	tgaacgtagc	tttgaaaaaa	1320
gggactat	gtggagtaat	ggcattaatc	aacatagaac	atcttatttg	aatcaacagt	1380
taacttcagt	agtcagtga	ataaaaattct	tattgtctaa	attgagacag	cctcagatat	1440
ttgcagatat	ttactttttg	tctgatataca	gtacataatt	ggacaaagtc	atctaaataa	1500
tagtttgtca	ccaaataact	acaaaatctc	attttaaatg	agtaaggaga	acgtgtacag	1560
aagcaaattt	tcttcaaaat	agttgtggga	agagcttata	tgtgaaagct	tatgactggg	1620
tttgaggagg	aacttactgg	agaaaatgga	ctctatgtta	agtatgggtt	tcagatagaa	1680
ttctttcctt	ttttaatgag	gaaaaaaaaat	ccacattaat	attgaaactg	cacctgtaat	1740
cccagcactt	tgggaggctg	aggacagagg	attgcttgag	cccaggaggt	cgagagcagc	1800
ctgggcagca	aagtgcagacc	ccatctctac	taaaaattta	aatgtattta	ttaaaactgt	1860
tctctagaag	ctttggactg	aatcccaaaa	gtgtttataa	gttcaaaagc	aaaagtattt	1920
gtaatttcaa	caacaaaaaa	tgtatttctt	tatgtaatct	tgaaattatt	aaaagtcctt	1980
ttagcttcta	gcacataatt	gtacaaagag	tttaagggaat	ggtggctggg	ttggtttgtt	2040
ttttaaaaaat	gtttactgac	gaggccgggc	gtggtggctc	accctgcaa	tcccagcact	2100
ttgggaggcc	gaggcaggca	gatcacaagg	tcaggaggtc	aagatcagcc	tggccagtat	2160
ggtgaaaccc	tgtctctact	aaaaatagaa	aaattagcca	tgcgaaagtag	caggtgcctg	2220
tagttccagc	tactcgggag	gctgaggcag	gagaattgct	tgaatccagg	aggcagagggt	2280
tgacgtgagc	caagatagcg	cctctgtact	ccagcctgcg	tgacagagcg	agactctgta	2340
tcanaaaaaa	aaaaggaagg	gcccccggtg	tttagccctg	gatcaccaac	attttgggag	2400
gcccattgggg	tggggaccca	ggggcggggg	gggctaggcc	gggcttgcgg	ttatgaatg	2459

<210> 7583

<211> 4540

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (4188)...(2606)

<223> similar to gi598958 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



<400> 7583

tttttttttt	ttatatgtgt	gaacaccaat	atgtcacttt	attattttgga	tttttttttcc	60
catttgtcac	atacctgtca	atgttttacac	aatgagggaa	atcaaccagc	attggaagca	120
actgaccaa	tcagttgata	attctgtacc	ctcttaacac	acatcaattt	tcacttggtta	180
gggattatct	ttaattcggg	ctcacagcta	ttcttaaaat	tggtgtcaag	attgtcacat	240
ctttaaatac	agatagaatt	gccagaagta	cataattata	tatatatata	cacacataca	300
gaaaaataca	agactgtttt	tccacaatat	ttaattttata	cactactgta	actatatgca	360
acttttgaag	acaggttaag	gggtacaagt	aactgttttag	agcaagtaag	tagtttggtc	420
caatattatc	ttaatgtaat	ggttttttcgc	tccctccctt	ttatgtgacg	acatactatg	480
acatacaaaa	catgcacaat	catttactta	taaacaaagg	agtaagacac	cactcagact	540
gacatttgta	taccccaagg	gtcaaccaca	caactaataa	ggctataata	cagctatgca	600
gcataaatgg	tcaaacactgc	tgatctctaaa	gtgagcccca	tatatacatc	tgaatataaa	660
aaaccattga	aaccaaacac	atatgggtta	gttaaaagg	gccattccaa	ggctatacat	720
aatcacagga	aaaagtattt	acactgcttg	gaaaacagct	gcaacaaaga	gtttattgcc	780
aatgcccttt	ataaacttct	ctcctatggt	taatacagat	gttacgctca	ctatctatgt	840
gaaccacaca	tcttattttct	ggccctttat	aagatccctg	ctcaagaatt	tcaagcaaat	900
atgttctatg	gcttcacca	cacatctatt	ctcatagctt	tcaattata	aatatcacia	960
tgaactagag	ctgtagctta	aaacatctag	cctagggtcta	gaaagtaaaa	taagtatttt	1020
aagtatcatt	tttacttagt	ttagtaagta	tactgtgaaa	ttcagagttc	tgagtaaaat	1080
atattttatcc	taaagtagca	gagtcagtg	gtacttgaag	aaacagtgac	cacagcaatg	1140
cagttctttg	gtgatgtgcc	cactctctga	attacaggac	cagatgcgtc	tcagtcctgc	1200
acctcagaca	catgactcgg	ggctgaagag	tggggaagg	ccctgggtcc	cagccacatg	1260
ctatcaccaa	tgttgctaag	cactgctttt	aagactccca	gggactgca	tgaaaaaaca	1320
gcaactggcc	ccttcataa	tcagcaattt	gcaatataca	gtgtcctaca	agatagaatg	1380
ccacaacaga	tgattatctg	gtcaaaaaca	gtctttgtac	aggaataggt	taaagcaaga	1440
gttctttgat	tattgttttg	gcagaaaaag	gcaaagtga	aaacaattcc	agaaaaaaa	1500
gttacgaagc	aggctttgtg	catttttgtt	tgctgtatgt	tggaatttta	cccttttatg	1560
tatatttttt	catcagccaa	tttcaaagct	agctgagccc	aaaggatatt	aactgaatga	1620
aaataacaaa	agagataatc	taattaccaa	actcctaaaa	accaaattcc	agtaggtttt	1680
aattcatggg	gttttgactt	tgccaacatt	tgctgtgcac	cttctgtact	aggccctata	1740
gttcttctat	ctacatggaa	atcctgcagt	gtgccctaca	ggaaggaatt	tacacagagc	1800
atctttttgt	tctgttagac	agacatacac	tctctaagta	gagttaagac	atcatcactt	1860
catcacatta	caaaataaga	ttgtctgctt	gtaattttatc	actacagggg	aagctgcctt	1920
ataaatctaa	gtactttatc	tcacctatta	caaaaacaag	gaaatctttt	tcagttaaat	1980
tttcagagcc	caaactttgt	ttttacacta	tagcttaaga	caaacagggtg	tgggtatggt	2040
caactgtggt	ttaaggttct	cagtgcagac	actcactgtc	ctctgctctg	cacgggccat	2100
ggacagctgg	gcggcacaag	gtcgttagct	ggctccaggc	ctgtgggcat	cacaacgtta	2160
ttgctttgtg	tctgtctcag	acaccagaga	gtgtgtctca	gagcctaggg	tttccacatc	2220
acagaaggctc	aggacaggaa	ttcagatttt	tcacaaagaa	aaagcatttt	ttctctctct	2280
aggttaagt	cagaacaaca	aatttctaag	tgctccattt	ataagaggtt	ccagatatat	2340
atcttgattt	aatcctgatc	atccacatta	aaattatgaa	tgtaaaaatt	acataatagg	2400
cttttcggct	gggaaagaaa	agtgtctagc	agcatgcaca	aagaccatgc	attgtcacat	2460
catcaggcga	acaaatggaa	aggtaataaa	taattgtctc	taacgcccac	tttaaaatag	2520
taaaaccaa	tggaacagtg	aagtgagccg	gtcttctactg	ctctgagcag	gaagcgtgct	2580
agcggccaga	tggggccaca	gtcagatgac	atggcaacag	ctggctgggc	tggatgcgca	2640
cagcagcccc	tccttaggg	tccgctggat	gttcacagag	atgggtcttt	cgcacagagg	2700
tagctgcagc	acgttatatt	tcaggttctt	gctctttatc	cgttccaatt	cagtggtggt	2760
atctgccatg	tggtcagaga	aaaactttat	gcccgccact	gcagggacct	gccctgcatt	2820
ccctgtggag	ctaatagcaca	ttttccacgt	agattttctct	tggactttca	cactggaaaa	2880
tgacaagcca	ttctgtggat	caataatgta	cttgggtgctc	ccatgaagct	gggagccgag	2940
gcagaggctc	atgagtttga	ggctctcaac	gagctcccca	gcactgcgag	aggccagctg	3000
catggagttg	ctggggccgg	cacagcggcg	tgtgttacc	gatgtattgg	tggggttgcc	3060
acccgagccg	ctggaggggac	tgccccacc	agcattgttc	tcactggggc	tggccttgtc	3120
caccctccca	ctggcattgc	ttggcttgct	ctggcccccg	ccatccccct	cactgccagg	3180

```

gggcccctcg ctgctatccc gtcggtgcca ggagtaggtg aacccgctat ctttatcgag 3240
ccgccgccgg ctttcagaat catcatcact ggtctccgaa ctactgcagc tggagccccg 3300
gccctgactt ttcctccggt ggtagcgttt gtgaactgta cctggagaag ctatattcat 3360
ctttaacctg ctcaacttgg gaggcagatt ctcatccatg tcaaactcat catcagattc 3420
cccttcctca aagatctggg tgaggacggg cgcaactctt ctggatgtca ggcggttggt 3480
tacagatggc ttccggcgca aaaccacttg tgttgagagg gacatgggtt tcttgctctc 3540
ctcatcttcc tcttcatctt cttccaccct gaacagacac ttccgcccac tggctgtggg 3600
ttttaagctt gcgggtggca ccgtagagag tgctggtcca gccaaactcag ggaggtcatc 3660
tttcttagct gactcacaca ggcctttgct cctgtggcca ttgaggacac tgtcagcagc 3720
ccgagcagga gactgaggga cagtcgcgtg ggacaaagga gtggccgtga ggtcatcctc 3780
aaggctcctg ggtacatcaa ttttggttgg ccatgactgc cttaaactggg ccttgatatt 3840
gctcgggctt gcagatctgg tctgtatttc tttctcttgc ttttctctca ggatccttcc 3900
agccagcagg aagtatgtgg ctgtgatatg gttatacctg ttggtttcca gggcttctac 3960
aatggcgtct cgatccgcta tgtccccaag caccatgcgc tgaatgatgc tgttggtgctc 4020
ctcttccgag agatttttgt atgacacaag gggaatgtta tactttgtag ctggtgaagg 4080
gtccactccc tgaagccaag gatgattttc aatctcttct aaagaagccc ttctcttggg 4140
atctctctgt agcatccgtg tgattagggtc tttacactct ttagacacat gggatgggtac 4200
tgtatatttg caatccatga tcattgtcag tgtttcactg tcattggctt cttgaaaggg 4260
cggctgcccc cacaccaaca tgaaaaggat cactcccaga ctccaaatat ctactgcagg 4320
tgcatacatc tcatcaccaa gcagaatttc tggagcggaa tatgcaagag atccacagct 4380
tgtagtgagc ttcttccctg gttgaaattt gttgctgaac ccaaagtctg tcaactttac 4440
aagaccttgt ttttcaaaga agactacatt ctctggtttt aagtctctgt gaccacatg 4500
gagtttatgg caataagata tagcatgaac tatctgagcc 4540

```

```

<210> 7584
<211> 2332
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2001)...(305)
<223> similar to gi5853113 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7584
ttttttttgt gatgcagcat cagggtgcttt taaatcagat taattcacia taagtgatat 60
tgcaaagggg ctgggggctg tacatgggca ggggcttggg gagctttgta catggggctg 120
ggaaacaagg gaccctccag gtggaagggt attttttaat aaaaaaata atggagctac 180
aaccaccccc tccccctcc ccgattaaaa agacacaaaa atagacgtct ctgaggtaaa 240
cggggagcct ggggcttaag ggtgttttaa gggcttcaca ggtgccagag cttagagggtg 300
tcacaggcac cgggggtggc cctgcatcag ttggtagaac agcacgtagc cctcgctgga 360
tgccacctgg ttttactga caggggagac acgagagtca ttgtagacat gccaaccagt 420
ctggcacccg cacagggtctg tgtagtggcc atagtggacg ctgcctgagt ggttgcaaag 480
ggcatacagc tggatatacag gacttccggc tttgtcactg gcaaagtccc ctagggtcag 540
tcgctgcagt ggaaagtcta cacctactga actttttttg atggagcctc gggaggcgaga 600
aaatcgattc agatggagca cgaggattcg agggaatctt tgtactgtca acttttttgt 660
acttcagatt ttctgccgac atcggtcaca cactggggca ttctccgact ctagtctctc 720
ttccttagtg aaaaggttga aacaatcccg cagagacacc ttgccccag caaatccttt 780
cttgggggatg ggcagggaca ggtcacaaaa aacctcgaag gtcgtggagc gataccaca 840

```

```

ggcctggcac ttgagacaac ttttcaactg gccacaaaac aggtccacaa tcttgctgtc 900
ctctcgctcc aggtaacgtt tccacattag gttggctcgg tcatcatcac ttaactcagg 960
ttcttctagc agagcccctc ctcggcgggg tggagaggga actggaccat tggcaagtat 1020
cggtgaggcc cggcggcctc ggcggttgat ttcaagggtg agccgctcca tgaggagctt 1080
caggaactct tgggcatcct gctggctgta tccagagaag gagggaacat atttctggaa 1140
gacagctcgg aatcgagtag gattcacagc ttcgcaggag tcagggtgcc agagggcacc 1200
aatcacatct gcaaaggctt cagtgaagctc ttgggctcgg cctcctccag gcacctcttg 1260
ccggaagtcc cttctcagac agaagtcccg aagaggtcga gtgctgctca gacactgcag 1320
cacagcattc aggaagcacg tgtttcccag gtttcgaagg ccaacatgac cagagcccag 1380
aaggagtgtg tgatgagcca tcttgatcac agagtagaaa ggctcagagg accgggcgga 1440
tatcatgtgg aaggagccat ggggaagcagg gggctctgtc cgtatgctga acagggtagg 1500
gggtccagga aagcccccta ggcggcggag agaagtgcta cgtctcaaag tgggtggctc 1560
aggccggagg gccaaagcggc tcagtgcagc cccaagctct ccggtgccac ggtgccctcc 1620
caaggcaatc cccattggac gcaagtcccc actgctcaca gacttggaac gggctaagtt 1680
ggtccgagat gggagaggca aagccactgt tgggggtggt gagccaggca ggggaacccc 1740
atgatctgct cgaagggggc ctctgggacg agggcctgag gtccgtcccc gtcccagctc 1800
cagtttcttg agcgtttcat caggcagacc tggccgggga ggcagaggtc gtaacatggg 1860
gtttggccca gaggtctggg ttctgcgctc cttgctgcgg gccttggggg caaatggtag 1920
cttgatcccc actcggggct ggatattaac aggtggctct cgggtacggc ccaggcggtg 1980
ctcagaggcc tggggcattg tggacaccac aggttgagcc cacaatcttg ctgtcctctc 2040
atttccacat taggtggttg gctcagtcac caccactacc acatcaacga aagtggggag 2100
cagtatacgc actgagggca ggaaccagat ctatcgaatc agccatcgta tcccagtag 2160
ctgtccccc a gtgagggcggc gggagaggcc agccagggcc agggcccagt tcaggggcac 2220
cccctactac ccccggtgcag ccccccggtg ggcccggctg cagcttttagc cgcagccggt 2280
gcccagatcg ctccagccgc aggggcccgc gccatctttg cggacgcgtg gg 2332

```

<210> 7585

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (306)...(586)

<223> similar to gi32036 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7585

```

ctgccttttg ctgtaccact tcccttttct tctgcgctgc acctccctca tctttcctct 60
atgatgacat cggcctgggg aagagaagct gagaggaact cctcactcag ctagcttcag 120
gagcatgacg tcatctctac catggaaatt ccactcactc tctgtgccc ccacatttgt 180
cctaggcctc agagtcccta taaagagaga ttcccaagtc agtatcagca caggacacag 240
ctgggttctg aagcttctga gttctgcagc ctacactctg agaaaacctc ttttccacca 300
ataccatgaa gctctgcgtg actgtcctgt ctctcctcat gctagtagct gccttctgct 360
ctccagcgct ctccagacca atgggctcag accctcccac cgctgctgc ttttcttaca 420
ccgcgaggaa gcttctctgc aactttgtgg tagattacta tgagaccagc agcctctgct 480
cccagccagc tgtggtattc caaaccaaaa gaagcaagca agtctgtgct gatcccagtg 540
agacctgggt ccaggagtac gtgtatgacc tggaaactgaa ctgagctgct cagagacagg 600
aagtcttcag ggaaggctac ctgagcccgg atgcttctcc atgagacaca tctcctccat 660
actcaggact cctctccgca gttcctgtcc cttctcttaa tttaatcttt tttatgtgcc 720

```

gtgttattgt	attaggtgtc	atttccatta	tttatattag	tttagccaaa	ggataagtgt	780
cccctatggg	gatgggccac	tgtcactgtt	tctctgctgt	tgcaaataca	tggataaacac	840
atttgattct	gtgtgttttc	ataataaaac	tttaaaataa	aatgcaaaaa	aaaaa	895

<210> 7586

<211> 1591

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (199)...(1472)

<223> similar to gi4098124 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7586

tttcgtgtgg	ggaaggggtcc	cggaacgtg	gtggggcatg	gcctccgagc	gtgggttgac	60
tttgaagggg	agcgggccgc	atgctgcac	cccttttttg	aattgctcaa	ccaggtggta	120
accggcgccg	cttcctggcc	ttgggagggg	gttcctttct	taaccacaaa	gaacctctcc	180
caagagaact	tggtcctgat	gtctgacct	ggagatgtga	gcctcccgc	cgaagaccgg	240
gtgagggctc	tctcccagct	gggtagtgcg	gtagaggtga	atgaagacat	tccaccccgt	300
cggtaacttc	gctctggagt	tgagattatc	cgaatggcat	ccattttact	tgaggaaggc	360
aacattgaac	atgccttcac	cctctataac	aagtatatca	cgctctttat	tgagaaacta	420
ccaaaacatc	gagattacaa	atctgctgtc	attcctgaaa	agaaagacac	agtaaagaaa	480
ttaaaggaga	ttgcatttcc	caaagcagaa	gagctgaagg	cagagctgtt	aaaacgatat	540
accaaagaat	atacagaata	taatgaagaa	aagaagaagg	aagcagagga	attggcccgg	600
aacatggcca	tccagcaaga	gctggaaaag	gaaaaacaga	gggtagcaca	acagaagcag	660
cagcaatttg	aacaggaaca	gttccatgcc	ttcgaggaga	tgatccggaa	ccaggagcta	720
gaaaaagagc	gactgaaaat	tgtacaggag	tttgggaagg	tagaccctgg	cctaggtggc	780
cgctagtgtc	ctgacttgga	gaagccctcc	ttagatgtgt	tccccacctt	aacagtctca	840
tccatacagc	cttcagactg	tcacacaact	gtaaggccag	ctaagccacc	tgtgggtggac	900
aggtccttga	aacctggagc	actgagcaac	tcagaaaagta	ttcccacaat	cgatggattg	960
cgccatgtgg	tggtgcctgg	gcggctgtgc	ccacagtttc	tccagttagc	cagtgccaac	1020
actgcccggg	gagtgagagc	atgtggaatt	ctctgtggaa	aactgatgag	gaatgaattt	1080
accattaccc	atgttctcat	ccccaaagcaa	agtgctgggt	ctgattactg	caacacagag	1140
aacgaagaag	aacttttctc	catacaggat	cagcagggcc	tcacacact	gggctggatt	1200
catactcacc	ccacacagac	cgcgttttct	tccagtgtcg	acctacacac	tactgtctct	1260
taccagatga	tgttgccaga	gtcagttagc	attgtttgct	cccccaagtt	ccaggaaact	1320
ggattcttta	aactaactga	ccatggacta	gaggagattt	cttcctgtcg	ccagaaagga	1380
tttcatccac	acagcaagga	tccacctctg	ttctgtagct	gcagccacgt	gactgtttgt	1440
gacagagcag	tgaccatcac	agaccttcga	tgagcgtttg	agtccaacac	cttccaagaa	1500
caacaaaacc	atatcagtgt	actgtagccc	cttaatttaa	gctttctaga	aagctttgga	1560
agttttttgta	gatagtagaa	agggggggcat	c			1591

<210> 7587

<211> 2506

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (550)...(147)  
 <223> similar to gi5002587 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7587

tttttttttt	ttgcacagcc	aaactacctt	gttttattgg	attttgagta	aaaacatgaa	60
ccatgtcaaa	gtttccaggc	agactcctaa	aaagcattag	cagatctgga	cccaggcagg	120
ccagggacag	ggaggtccct	ctatcagggt	ttgaggcggg	ttgagcgccg	aggtagtggg	180
ggctgggagg	gtcgagccgt	caccttgctg	ggtgttttgt	cctgggtggt	gggctgggag	240
ggtggggcgg	cgctggaggt	gaacagggct	gtcaaagcgt	tccgggcgtt	gattgcgcac	300
cggcggtcca	caggtcgggt	ggtggggctg	gggttcttgg	ccgccttgta	tttctgcagg	360
ttctcaaagt	ggcccaggga	cttgcaagtg	gagagctgtg	cccctgagtt	gctgtgatag	420
aacttgtggc	agatgcgcca	gatatagccc	atcacgggca	ccaggaagtc	cacaccatat	480
gcagtattgg	ggctgtaggt	ctccgagccc	ttccactcct	ctctggatat	atctctggac	540
ctcacctgct	tgcagagttc	ctcctcaacc	tcgatctctt	cttcatcctc	atcatcctct	600
tcctcttctt	catcaccttc	gaagcaaccc	acagcgtcca	ctgtaatgaa	gtggtcctca	660
tcttgccag	caatttcttt	ctcaagcgac	ttcagctcct	tggctttgtc	cttatgcccc	720
tgggacttca	cgtgctccac	aaacttgcca	ggggttttga	agtagcggtt	gcaaacggtg	780
cagaagggtc	gcaaggattg	tttggaatc	ttgtggtcct	gtgtcctgcg	gtgttggtac	840
agggtcccca	tgtagtagag	ctggcaggtg	ttgcaccagc	gccttgggtg	aggctcctca	900
tcctctgtct	ccaggacgtc	ccggggcacg	ggcagcaggg	acaggaggca	ggcttggctc	960
atgtgctgga	tctcccctag	ccgctgctgg	tgctgaggct	ccgacatgtg	gtcctggaac	1020
tcctgctggc	tggagcagct	ggccttgca	atgtagcaga	agaactggag	ggcctgctta	1080
gagggagtgc	tggtagccgc	aggggtggag	gagacggagt	cactggggcg	ggggacaggt	1140
gtcaggggta	cagtgtctaa	ggcccggctg	tactgtctct	gcagaatggg	gaccttcagg	1200
gagcccccg	cgccccatac	ccctggcatc	tctctcgctc	tgttttcaca	ttctcccaca	1260
tctaggccac	aggccgactc	attctgaatc	tcttccatgc	tgacttgggt	gcccacaggc	1320
tctggcaagg	tcttttccat	gcctccacca	gcttctactg	catcaggtgg	catctccagc	1380
ccgcagacat	gaaccacaac	tgggtgtttg	tctggagcca	gcaacgacac	ctgcggtctg	1440
gtgtgaggct	gctcatgggt	ctgctctggt	ggctgtactg	acacctgcgc	tggaggatgc	1500
tcctgtggct	ggacgcttgg	ctgtgcctgt	gtgtggacct	gtggatatgt	ctgtgtctgg	1560
acctgttct	gcagctgcag	ctgcacctgc	cttgggggct	gtgaatgtgc	ctggggctgc	1620
acctgtggct	gcacctgctt	cagcggctct	gcctcctgct	gcagctgcac	ctgccttggg	1680
ccctgtgaat	gtgcctgtgg	ctgtacctgt	ggctgcacct	gcttctgtgg	ctctgcctcc	1740
tgtgtcagct	gtggctgcac	ctgcttctgt	tgcagcacta	agtgtctctg	agaggctctg	1800
gtttgcgcct	gcttctgcag	ctttggctgc	acctgggtgt	ctgtggatgg	tatccgcggc	1860
tgagtctgtg	actgcacctg	ggcctggacc	tgcaggaccc	gtggctggaa	tcgtggcagc	1920
acttgggctt	ccagggcctc	aggcagcagg	tctgggtgtct	gtgtctgttt	cggtagctgc	1980
atccgggcct	gcggctgggc	cttcacctgt	aactgccctg	gaggttcctt	ctctgtgggc	2040
tcttctgagc	tcctcaatct	ctttgctggc	agctcggaag	cctcacaagg	ctcaggctca	2100
ggtgtctggg	tgcgtttttc	cttggcgatg	tcctctgggc	agggcggtaa	atcttgggtct	2160
tctggtgtgt	ccatccgggg	ctctgcggct	tcctcagacc	cctctggggg	gtctgacttg	2220
tcttccacag	gcattgtttg	agaagaagaa	tcctttcgat	tgggggtggt	agaggaggag	2280
gtccgggcct	gtttctgggg	gttccgtcct	gaaagggtga	actgggaagg	gttcatgggg	2340
acccaacag	gaggagggtc	cagcaaggac	tggcgagtgg	cctggggaaa	gaactgttgc	2400
aaatttgag	tggccagttg	tgggggtgtg	aggctggggg	ctgcgaggcc	tgggggatgcc	2460
atgccatagc	ctcgagggtt	acccagtgtt	gctgtgggca	tggtcc		2506

<210> 7588  
 <211> 2061  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (414)...(1620)  
 <223> similar to gil552328 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7588

gagaaagcag	ggactcttcg	gcctaggcag	ccgggaccca	gccagccctg	cgcctcgcgc	60
cgtcgcgcat	gcgtcctggg	tatgtccacg	cgcaataagg	aggggcgaaa	ggacattttt	120
tttttttctt	gctcccgcct	ctgttcttcc	cccacctgcc	acgtacagag	cccaagttct	180
cgctaggcct	gttgggtcag	cgcgattggc	cggggccccg	gcgagcctgc	gagcgagggtg	240
cggcggtcgc	gaagggaac	cgagggggcc	gtgaccaccg	cctccccgcg	acgccccagt	300
ccagtggcct	cgcgtccgcc	cattcagcgg	agacctgcgg	agaggcggcg	gccgcggcct	360
ccgcaagccg	tctttctcta	gagttgtata	tatagaacat	cctggagtcc	accatgaacg	420
gacagttgga	tctaagtggg	aagctaata	tcaaagctca	acttggggag	gatattcggc	480
gaattcctat	tcataatgaa	gatattactt	atgatgaatt	agtgcctaat	atgcaacgag	540
ttttcagagg	aaaacttctg	agtaatgatg	aagtaacaat	aaagtataaa	gatgaagatg	600
gagatcttat	aacaattttt	gatagtctct	acctttcctt	tgcaattcag	tgtagtagga	660
tactgaaact	gacattat	gttaatggcc	agccaagacc	ccttgaatca	agtcagggtga	720
aatatctccg	tgcagaactg	atagaacttc	gaaataaagt	gaatcgttta	ttggatagct	780
tggaaccacc	tggagaacca	ggaccttcca	ccaatattcc	tgaaaatgat	actgtggatg	840
gtaggggaaga	aaagtctgct	tctgattctt	ctggaaaaca	gtctactcag	gttatggcag	900
caagtatgtc	tgcctttgat	cctttaaaaa	accaagatga	aatcaataaa	aatgttatgt	960
cagcgtttgg	cttaacagat	gatcagggtt	cagggccacc	cagtgtctct	gcagaagatc	1020
gttcaggaac	acccgacagc	attgcttctt	cctcctcagc	agctcaccga	ccaggcggtc	1080
agccacagca	gccaccatat	acaggagctc	agactcaagc	agggtcatcag	attgaagggtc	1140
agatgtacca	acagtaccag	caacaggccg	gctatgggtg	acagcagccg	cagggtccac	1200
ctcagcagcc	tcaacagtat	ggtattcagt	attcagcaag	ctatagtcag	cagactggac	1260
ctcaacaacc	tcagcagttc	cagggatatg	gccagcaacc	aacttcccag	gcaccagctc	1320
ctgccttttc	tggtcagcct	caacaactgc	ctgctcagcc	gccacagcag	taccaggcga	1380
gcaattatcc	tgacaaaact	tacactgccc	aaacttctca	gcctactaat	tatactgtgg	1440
ctcctgcctc	tcaacctgga	atggctccaa	gccaacctgg	ggcctatcaa	ccaagaccag	1500
gttttacttc	acttctctga	agtaccatga	ccccctctcc	aagtgggcct	aatccttatg	1560
cgcgtaaccg	tcctcccttt	ggtcagggtc	ataccacaac	tggaacctgg	tatcgataag	1620
gaggctcctc	tacaccaatt	aatgtagctg	ctagctattg	gcctcccaaa	agactccagt	1680
actattttta	tttgtattga	agaagttcag	aaatttaaaa	gcagagcatt	ttttatgata	1740
tcattgtttg	tggttaattga	aagtataatt	tgctggaaca	caaagaccaa	aatgaaagtt	1800
ttttcctccc	tgcttaaaaa	tgtagcagct	tcttagttac	tttggaacac	tactcttaca	1860
tgtataaagt	gattgacttg	actttctagc	ttcccttgtc	cggaggatat	taaaatgcta	1920
gggtgagggt	tagccatctt	acttggtctt	ttactattaa	catgatgtac	taaagtagag	1980
ccctttgaga	atacaagata	ttatgtataa	aatgtaaac	tgatgatagg	ttaataaaga	2040
tgattgaatc	caaaaaaaaa	a				2061

<210> 7589  
 <211> 4874  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (317)...(3484)  
 <223> similar to gi4589654 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7589  
 cccacgcgct cgcaccaagt taatactgct agttaatgac aagaaaagat atgagcgggt 60  
 tgggtggcggc cccaagcggc tgggacgaga tgtggaaatg gaagaaatga ttgagcagct 120  
 gcaagagaaa gttcatgagc ttgaaaaaca aaatgacacc ctcaaaaaca gactgatttc 180  
 agccaaacag caacttcaaa cccaggggta caggcaaaact ccatacaata atgtacaatc 240  
 tcgtattaac actgggcgta gaaaagcaaa tgaaaatgct ggtttacagg aatgccccag 300  
 gaaaggtata aaattccaag atgcagatgt agcagaaact ccacatccca tgtttacaaa 360  
 atatggcaac agtttacttg aagaagccag aggagaaata agaaatttag aaaacgttat 420  
 tcagtcacaa agaggccaga tagaggagtt agagcacttg gctgagatcc tgaaaactca 480  
 gttgaggaga aaagaaaatg aaattgagtt atctcttctt cagcttcgag aacagcaagc 540  
 tacagatcaa aggtcaaata ttccgggacaa tgtagaaatg attaagcttc ataaacagct 600  
 agtagagaaa agcaatgctc tttcagcaat ggaaggaaaa ttatttcagc ttcaagagaa 660  
 gcaagaact ctcaaaatca gccacgatgc tttgatggca aatggggatg aattaaacat 720  
 gcaacttaaa gagcagcggt taaaatgctg cagtcttgag aaacaattac attctatgaa 780  
 gttttctgaa agaagaatag aagagctgca ggatagaatt aatgatttag aaaaggaaacg 840  
 ggaactttta aaggaaaact atgataaact ttatgacagt gccttcagtg ctgcccataga 900  
 agagcaatgg aagttaaagg agcaacagct gaaagtgcag attgctcagc tcgagactgc 960  
 cttgaagtct gacttaacag acaaaactga aatccttgac agattaaaaa ctgaaagaga 1020  
 tcaaaatgaa aaactcgttc aagagaatag agaactacag ttacagtatc tggaacaaaa 1080  
 gcaacaactt gatgaactta aaaaacgcat aaaattgtac aaccaggaga atgatattaa 1140  
 tgctgatgaa ttgagtgaag ctctcctact tataaaggct caaaaagaac aaaaaaatgg 1200  
 agacctttcc tttttagtga aagtagatag tgaaattaat aaagatctag aacgctctat 1260  
 gagagagctg caagcaactc atgcagaaac ggtgcaagag ctggaaaaga caagaaacat 1320  
 gctaattatg caacacaaaa ttaataaaga ttatcagatg gaggttgagg cagtgacccg 1380  
 taagatggaa aatttgcagc aagattatga actcaaagtg gaacagtatg ttcattctct 1440  
 tgatattcagg gctgcacgta tccataaact agaagcccaa ttaaaggata ttgcctatgg 1500  
 caccaagcag tacaaattta aaccagaaat catgccagat gactctgttg atgaatttga 1560  
 tgaaaccatc cacttagaac gaggcgaaaa tctatttgaa atccatatca acaaagtaac 1620  
 cttttcttct gaagttttac aggcattctgg agataaagag cctgtcactt tctgtacct 1680  
 tgctttctat gattttgaac tacagacaac tcccgtagtg cgaggccttc atcccgata 1740  
 taacttcaact tctcaatatc ttgttcatgt taatgactta tttttgcaat atattcagaa 1800  
 gaatactatc acccttgagg tccaccaggc ttatagcaca gaatatgaaa caattgcagc 1860  
 atgtcaatta aaatttcacg aaattcttga aaaaagcggc cgaatatatt gtacagcaag 1920  
 tttgattgga acaaaaggag acatcccaaa ttttggcaca gtggaatact ggttccgatt 1980  
 aagagttccc atggatcaag caattcgact ttatcgagaa agggcaaagg ctttggggta 2040  
 tataacatca aattttaagg ggccagagca tatgcagtcg ttaagtcagc aagcacccaa 2100  
 aactgctcaa ctcaattcta cagattccac agatggcaac ttaaataaac ttcacattac 2160  
 aataagatgt tgcaaccacc tgcagtcccg agcaagccac ctgcagccac acccatatgt 2220  
 tgtgtacaag ttttttgatt ttgcagacca tgatacagct atcattccca gtagcaatga 2280  
 tccacagttt gatgatcata tgtatttccc agtgccaatg aatatggact tggatcgata 2340  
 ccttaagtca gagtctctga gtttttatgt ttttgatgat agtgataccc aggagaatat 2400  
 ttacatagga aaagtcaatg tgcctctgat ttcgttggca catgacaggt gtatctcagg 2460

aatatttgag	ttaacagacc	atcaaaagca	tcttgctggc	accatccatg	ttatattgaa	2520
atggaaaattt	gcttaccttc	caccaagtgg	atcaataaca	actgaagact	taggaaattt	2580
cattcgcagc	gaagagccag	aagttgttca	aagacttcct	ccagcatcct	ctgttagcac	2640
actagtttta	gcaccaagac	ctaaaccaag	acaacgttta	acacctgtag	ataagaaggt	2700
atctttcgtg	gatatcatgc	cacatcagag	tgatgtttca	caagaaggca	gtgtagatga	2760
ggtaaaagag	aatactgaga	aaatgcagca	aggaaaagat	gatgtgtcct	tactatctga	2820
aggtcagctt	gcagaacaaa	gcttggcatc	ttctgaagat	gaaacagaaa	taacagagga	2880
cttgaacca	gaagttgaag	aggacatgtc	agcttctgac	agtgatgact	gtattattcc	2940
aggtcctatc	tccaagaata	tcaaacagcc	atcagaaaaa	attcggattg	agatcatagc	3000
tctaagcctt	aatgattctc	aagtaacct	ggatgacact	atccaacggc	tgtttgttga	3060
gtgtcgattc	tacagtcttc	ctgctgaaga	gacacccgtg	tcacttccaa	aaccaagag	3120
tgggcagtg	gtctactata	actatagcaa	tgatgactac	gtggataaag	aaaacaacaa	3180
agcaaagaga	gacatcttaa	aagctatact	acaaaaacaa	gagatgccta	atagaagcct	3240
tcgcttcacc	gtggtcagtg	accctccaga	ggacgagcag	gacctggagt	gtgaggacat	3300
tggcgtggct	cacgtcgacc	ttgccgacat	gtttcaggaa	gggagggacc	tcattgagca	3360
aaatatcgat	gtttttgatg	cacgagcaga	tggtgaaggt	attggcaagc	tcagggtaac	3420
agtcgaagct	ctccatgccc	tccagtctgt	ctacaagcaa	tacagagatg	acttggaggc	3480
ttgaaagcaa	atgctccaga	ggcatctcct	actcctcagt	aaatgctcac	atgaaagtac	3540
ctacatgaga	ttttggtaat	tactctggtg	tatataatct	ataattcatg	ggaagctggg	3600
agcggggaga	cctgggtttg	aagtgttgaa	gttttgata	ctttttcatt	tgtttatttc	3660
tctattccct	ccttctcata	actgccaccc	ctcaggactt	aagttctcca	taatgggcag	3720
taccttctca	ataatttata	cctacgtgat	agcgtgagaa	agtctatttg	cattttcaac	3780
attttcttag	gaagaaccga	aatgcaattc	ccatttttat	ttttaataag	caaaagcata	3840
aatcttagaa	aacctatgaa	aaagaaatac	ttttatgtta	tccctaatacg	tcccactaaa	3900
tggaatgcct	atgcattagm	cttcattaag	agttttatac	tgtgaagatt	ttattagaag	3960
caatatatga	aaattacttg	gattaatggg	ttaatcttcc	tctttaaaat	gctaatatcc	4020
attttatgca	cattaaagct	cagtatgcat	tttctttgat	gcatgcagtt	tctatcaatt	4080
aaatataaag	aatgaaactt	agcaccaact	tattcaatga	ctgcaagttt	tttgtctttc	4140
tttcttaaaa	gttcatttcta	tttgtattat	tttcatacat	ttgtaatggg	gaccagggga	4200
tgtatatata	aaaaggagat	agttatatag	atagatgtga	aatttacacg	ttgaaaactt	4260
agtatatgac	acagaaagaa	attatgaaaa	gtataactca	aattctgata	tgcttagtta	4320
gacgtgaaag	gagtatcttt	ttatcatttt	ttaaatttac	atcaagccag	tacagtgcc	4380
gggtgtatct	gggtaaccag	atcctcgaaa	agcagctctg	aaagttaatt	ttctagcttt	4440
tacccaatct	cactgaagga	tttaattgat	atttttaatg	gagctgtgaa	tcaatgctgc	4500
aaaggaattg	tctctagagg	tctaggatat	aatgcatttc	attttttaat	ttactttttt	4560
atttgtcatt	ttcttcaaag	gattttttata	ggctgtgggt	tttcaactgt	tgcaaacagg	4620
ctatgttcct	tcttaagcat	atgtaaagta	ttcagggaga	taagtaattt	attaaaatct	4680
acctaatttg	ccgtgatata	ttaaatctct	gcttcagtga	tcacagacca	tttcatttag	4740
agaattaggc	attccctctt	tgtgtgatta	aagctctgga	aaatgagttc	tttgctccta	4800
tttgtgaaca	ttcaaagcct	gctaattggca	agaagatgga	atagattatg	agacaattca	4860
ttacagttca	atag					4874

<210> 7590

<211> 1848

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (590)...(299)

<223> similar to gil825591 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



```

<400> 7590
tacgccaagc ttcgcacgag gcacacatag accaaaacttg tatacacaca gacatctaca      60
ctgacatacc ccatgtacac acacagatct agacgtgctc cacatatgtg tgaatatgcg      120
cacatacagg cctaccacaa acacaaaacc cacctgcaaa ggtttcacgg aacgtggagc      180
tctcctggcc tcccgtccct cctcccagcc tgtttggtgt gcctctgtag agagcgcttc      240
ggagagagag gcgaagtagg aagtgggatt ttctcttccc tctcctgggc ccgtttgccc      300
ctaccctcgc ccagcaagct gcgcccaaat tctattctgc ctctggaaac tgctggacca      360
tccaaggcca gctgcctgcc ctgacccta cccaggggcc agcttgcct cctgggaggc      420
gggacaggcc ccagtgaagt tccgttgtgc gctgtgccta tctctcgatt ccagggcaga      480
tgagccacaa catcaccacc ctgccactta caagggtggg gacctgggtc tggggtctca      540
ggcgcaaaact ggaggccctc acagcccact agggccctc ccaaccccag taccctcagt      600
ccctcagtca ggtggtgcta gtagagctat ctctgacgct gcaggcccca ggtagatggg      660
cagggccctc cgtgggtgtg cagcggcggt tccctcatca gtccagccac tgcccaggac      720
taagggtctt caaggaagat gaggccattg cccttctcca ggtggcttca ccacagtgtc      780
gcctgggcac ctctctgagg cagagaagtg gcccctccct cagtccctgc ctggccgacc      840
actgtggcct gcacgcgaat gggtcagagc cagaccccg agctggtgct gtccttctag      900
gtggctgctc atagctgggg atggtgagtg gctgtgttct ggccttgccc acgtgggtgt      960
ttgcagagac aaaatgaagg ggatatgctc ccataaaata ccaccttgcc accacaagag     1020
gaccagaagg ctactcagcc ttgctgccac atgaagggga tttgtagggg caagcctggc     1080
tgcagaaaagg ctggctcaga tcttgaccaa gaaaccccaa gcgatttcca tcaaagacca     1140
cgcaggtaac aagaggtgat tcctggaaga cccagcccac agagggttgg cagccaaaagc     1200
atctctgagc agtgtccctg ctagcatcgc cagcggccat cactctgcct ccctcccacc     1260
tcttgccct cgtcgttaaa aaacagcacc ctatcctgct tccccacatt tctgttcctc     1320
caatgaaggg ctaagactat ttagtaatct ctttcttaag cagaggagtg gcaaggatgg     1380
caatcttgaa ttttattttc tgtagagata gcatttcttc tgggtgcggag ctgaaaggaa     1440
tccaccacaga agttctgtag catcctgcgt gcagcctcct ggagcccag actccatctg     1500
ggggaggggac ttgtttacaa gcagttctga ccaccttagt ggtgtactgt tttctaggca     1560
aaaaatatct gtctgttgta cctgtatagc cctttaaaat gcagtcccag gaatgagact     1620
cttttaagaa acacatccct gcttctgcaa ttcccagaga gtgctggggg aaaaaaaggg     1680
ataaaaaatt ctacctactc atcagtgttt gaaagatgga gctgaatagc ttttcttggt     1740
cctggactag gcaatgaata agcaacaatg tatcttttct gtgttcaaaa taaatacata     1800
atatcaataa aatgtagcaa gaagtaacac tttcagagag tgaaaaaa      1848

```

<210> 7591

<211> 2737

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (20)...(2166)

<223> similar to gi4530435 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7591
ccgaggaggg agcttgccgt gcgttctggg aaagttgctg ggccagctcc tttgtttcca      60
gtctgagcgt tgcgttcggt ttcccagggg tcttctgagg caccgcggct gcgggcttct     120

```

gagttcccgg	ctctccgcag	ggaagcctcc	tcttcgtacc	tcgttttttg	gctcgtgggg	180
ggctcctccca	ccgctggccg	acgcagccag	catgtccggg	gtgcgcgcag	tgccgatcag	240
catcgaaatcg	gcctgcgaga	agcaggtcca	tgaggtgggc	ctggatggca	ccgagacgta	300
cctgcccccg	ctgtccatgt	cgcagaatct	ggcgcgtctg	gcccagcgga	tagacttcag	360
ccagggttcg	ggctccgagg	aggaggaggc	ggcggggacc	gagggggacg	cgcaggagtg	420
gccgggcgcc	gggtccagcg	cagaccagga	cgacgaggaa	ggagtggtaa	aatttcagcc	480
ttcccttttg	ccttgggact	cagtgaggaa	caatttgaga	agtgccctga	cagagatgtg	540
tgttctctat	gatgttctca	gtattgttag	ggataaaaaa	tttatgactc	ttgatcctgt	600
ctctcaggat	gcacttcctc	caaaacagaa	tcctcagacg	ttgcaattga	tatctaaaaa	660
gaagtcactt	gctggagcag	cacaaatctt	attgaagggg	gcagaaagac	tgactaaatc	720
agttaccgaa	aaccaagaaa	acaagctaca	aagagacttc	aattctgagc	ttttgcgatt	780
acggcaaacac	tggaaacttc	gaaaagttgg	agataaaatt	ctcggagatc	tgagctacag	840
aagtgcagga	tctctctttc	ctcatcatgg	tacatttgaa	gtaataaaga	atacagatct	900
cgatctggat	aaaaagatac	ctgaagatta	ctgtcctctt	gatgtccaaa	ttcctagtga	960
tttagagggg	tctgcatata	tcaaggtttc	aatacaaaaa	caggctccag	atataaggta	1020
cctcggcaca	gttaacctct	tcaaacgacc	tttgcccaa	tccaaaccag	gttccccaca	1080
ttggcagaca	aaattagaag	cggcacagaa	tgttctctta	tgtaaagaaa	tttttgca	1140
gctctctcgg	gaagctgttc	aaattaaatc	acaagtcctt	cacattgtgg	tgaaaaacca	1200
gattatctct	cagccctttc	cgagcttgca	gttatctatt	tctttgtgcc	attcctcaaa	1260
tgataagaaa	tccccaaaaat	ttgctactga	gaagcaatgt	ccggaggacc	acctttatgt	1320
cctagagcat	aattttgcatc	tactgattag	agagtttcat	aaacagacct	tgagttccat	1380
catgatgcct	catccagcaa	gtgcaccttt	tggccacaag	agaatgagac	tttcgggtcc	1440
tcaagctttt	gataaaaaatg	aaattaattc	attacagtcc	agtgaagggc	ttctggaaaa	1500
aataattaaa	caagcaaagc	atatttttct	aaggagtaga	gctgctgcaa	ccattgacag	1560
cctagcaagc	cgaattgagg	atcctcagat	acaggctcat	tggtcaaata	tcaatgatgt	1620
ttatgaatct	agtgtgaaaag	ttttaatcac	atcacaaggc	tatgaacaaa	tatgcaagtc	1680
cattcaactg	caattgaata	ttggagttga	gcagattcga	gttgtaacata	gagatggaag	1740
agtaattaca	ctgtcttatc	aggagcagga	gctacaggat	tttcttctgt	ctcagatgtc	1800
acagcaccag	gtacatgcag	ttcagcaact	cgccaagggt	atgggctggc	aagtactgag	1860
cttcagtaat	catgtgggac	ttggacctat	agagagcatt	ggtaatgcat	ctgccatcac	1920
ggtggcctcc	ccaagtgggtg	actatgctat	ttcagttcgt	aatggacctg	aaagtggcag	1980
caagattatg	gttcagtttc	ctcgtaacca	atgtaaagac	cttccaaaaa	gtgatgtttt	2040
acaagataac	aaatggagtc	atcttcgtgg	gccattcaaa	gaagttcagt	ggaataaaat	2100
ggaaggtcga	aattttgttt	ataaaatgga	gctgcttatg	tctgcactta	gcccttgtct	2160
actatgattt	tttcagatg	tttcctaaag	aagtttccag	aaactttgac	ttgaaatgtt	2220
tgacagatcaa	ctataagcac	aaagaagaga	taacttccaa	aagagtgtctg	tttttaaaaa	2280
taataattag	gaaatgttta	tttagcactt	tcaaactttt	cactttataa	atgacaagtg	2340
ctttgaaatg	cagaagttta	tgtacagttg	tatatacagt	atgacaagat	gtaaaaataat	2400
atgtttttca	tgcagtttaa	aatattacta	acttaagggt	ttctatgtgc	tttttaaaat	2460
attccttctt	tgatgttgac	atcaaataaa	gtatgtggtt	taaaaaaatc	tccaaataacc	2520
tttttttccc	cccaaatact	ttctaaactt	ttttttttga	gatggtatct	cactctgtag	2580
cccagtcctg	agtgcagtgg	tgtgatcatg	gttactgca	gtcttgacct	cccaggctta	2640
ggtgatcctt	ctgtctcagc	cttccgagta	gctgggacca	caggcatgca	caaccacggc	2700
tggctaattt	ttgtattttt	tataaagaca	gggtttt			2737

<210> 7592  
 <211> 639  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (81)...(495)

<223> similar to gil491803 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7592

actaggcggc	acccgagccc	tgagggtccc	agccccgcgc	tccgcgtccc	cgggacagca	60
tggagcggc	ggagcccag	ctgatccgc	agagctggc	ggcagtgagc	cgcagcccgc	120
tggagcacgg	caccgtcctg	tttgccaggc	tgtttgccct	ggagcctgac	ctgctgcccc	180
tcttccagta	caactgccgc	cagttctcca	gcccagagga	ctgtctctcc	tcgcctgagt	240
tcctggacca	catcaggaag	gtgatgctcg	tgattgatgc	tgcagtgacc	aatgtggaag	300
acctgtcctc	actggaggag	taccttgcca	gcctgggcag	gaagcaccgg	gcagtgggtg	360
tgaagctcag	ctccttctcg	acagtgggtg	agtctctgct	ctacatgctg	gagaagtgtc	420
tgggccctgc	cttcacacca	gccacacggg	ctgcctggag	ccaactctac	ggggccgtag	480
tgcaggccat	gagtcgaggc	tgggatggcg	agtaagaggc	gaccccgccc	ggcagccccc	540
atccatctgt	gtctgtctgt	tggcctgtat	ctgttgtagc	ccaggctccc	caagcttccc	600
tgcattcttg	tccttgtccc	cttggccaca	ctggagagg			639

<210> 7593

<211> 1628

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1332)...(679)

<223> similar to gill107698 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7593

tttttttttt	ttaaaaatat	cttcaataat	aagacatcct	atTTTTTgggg	ggttagggat	60
agagataaat	atgaaaactt	ttttttgata	aaacacctag	taaggacatg	tttccagggt	120
taaagttcat	gaacatataa	aacagaaatt	gggtcctgcc	accttgagtg	caggattctg	180
aggctctaaa	tctggttctg	aggttctgtg	tttgattctg	gggtacagac	agctcaagta	240
ggagggtctcc	ttatgtcaca	aaactacacg	atgCGGagg	tctgttcccc	accaaaggct	300
tgtctggggc	ccattggctg	cctggggagg	aggccccagc	gaggctcatg	ggtccagcat	360
ggctcctggg	gggaccccta	ctctcaccac	gcaagagccc	ccagccagga	gcactggggc	420
agccagctgc	gggcccgatga	gggggcttct	ggcccgccct	gcacctggag	gcccgccttg	480
cacctggagt	tcctgcttgg	ccacgggtgg	gcagacccag	gagacacagc	actccccact	540
gggtctagga	cgtctccgc	gggtggggac	cccagccggc	caggcatgtg	ccctgacagc	600
cctgccgaca	acaacacctg	aagggaaccc	agagtcggcc	gtaggaggcg	gcgggggtctg	660
tgtctgctgg	gggCGgccta	ggcctcggag	gaggactgtg	atggcccttg	cagcagcagg	720
gcacggtagg	tgggagagct	gaggaagcgg	gggtaggagt	cccggtgcat	gagcgtgtag	780
atctgcagct	gcgcgtcgtc	gaacgtgtgt	gcggacggct	cctgcatctt	cttggttgatg	840
ccctcccgc	cacgggagtc	caggctcacc	tccttggggg	acaggatgga	tacgtagtcc	900
tcgtagatga	gcctcgccct	ctcgtctacc	acatgctggg	tggcctcggc	cttcagctcc	960
tcgcaggcca	accagaagag	catgttctcc	tcgctgtact	ctgtccgcag	gaacgccccg	1020
aaacgcgtgc	gtcccgcctg	gctgtgcatc	agcttgtaa	aagactgcgc	ccagctctgc	1080
acctcctcag	gacttggcgt	ggcacatact	tcacagctgg	ggaggggctg	cagcttgctc	1140



```

ccccctttctc accagatatg ctcccttttc atttatctaa ctgtatgcta ctattttaatt 1740
gtgtgatgtc ttagaagttt cagtggctaa tcttgagaca gaccaagcct ggagacccag 1800
ctgcaaacct ccaaaaatta cttcaaaatg gctaattaac aacctgacca ttgttaaaat 1860
aatgtcaatc cgagggtccag gtggactgaa gccaagata gccaccagaa caaaacacac 1920
agacatcata ctacagcccat ttcttgcatt ccttccttat caagtcttcc cttttaaaaa 1980
ccctaaaaat tgctttcccc tctaaaaatt gaagcagtta ctttaaatag caatctggct 2040
acttccccct ttactagttt tgggtaataa atttgctttt tattactaga 2090

```

```

<210> 7595
<211> 1335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1198)...(520)
<223> similar to gi452658 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7595
tttttttttt ttccgcataa ctctttttaat aaataaagca tattcatggc ttagatttta 60
aatcacattt acagatgagg gaaaacttct aggcctaaac aggtaacagt aaagcgacta 120
ctgctggaag gagtgggtgt ccacatgcgc cttaagcctc aagagtgggg actgcagggc 180
caaacaccaa atacatcacc tttaggccag acggagagtg gagacccagg aagcccatgc 240
aaccaccatc tgccccctcc cctagtgtct cagaaccggc tggacactgt cacactttca 300
gaagaactgg aggtgggtcc tgatcatatt acatgaagct ttccaccatt gtgaacaatt 360
aggcaaggca tgagtgcag aggggcatcg ctgataaata cagagcaata ctggggcagt 420
gaagaggaag ctacagagac attcgtgttt cttcaaatat cagaagcttc cacatcacag 480
caggagagct gacgacgagc tccacctcct gaaggcttag tccaaaaact tcctgttggc 540
atttgcacca aacaaggctc cccggacttc tggcatcatc tgctgggcta tgagatccag 600
ccggctttcc aggtgtgttg aaacctttat tttagcatct ccattataga tctcaactcc 660
accagctatg tcttcaggca ggtaggactc ctggtcaatt tggacatcaa catcggtttt 720
ggtggcaatt ttgtacatag gaattgcctt ctgcaactga gcctttacca gagggaaatc 780
ttgtttcctg caacgaacaa tcattcgggg ctccagcaac tgggtacaaac cctgggagac 840
cagtcocatc agcagcactt ggtacctggt tgtatctttt accaccttgc tgagtctctg 900
ttttgcttca tttagtaggt ctgtgataag gtcattcttt gctctgagga ctttgagtct 960
cgcttgattc atcaaatagg acatctgaat tttcttctgc tgctcaatct gtttctcttt 1020
cttctcataa tattccataa tctttagtct ttgggtttgc acaagccgac ctttctctat 1080
gttgaactct tcttctgcct ttgcatctat ttcttctgct ttctcattgg cttcttggtc 1140
aatgaaagcc atcatatgct ttatctgctt ttgcacgtca gcatcgctga gagccatggc 1200
gagagcaatg ctaggccggt gaacagtagg ctcgagttta ggtttgaaag gtgaggtgag 1260
agaaatcggc aaagggaacc cctgcgcaga tctcgggttc ctttacttta taaccgctgg 1320
ttccggttcc tgcca 1335

```

```

<210> 7596
<211> 2832

```

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (86)...(707)  
 <223> similar to gi515041 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7596

ccaccgctcc	gaattcccgg	gtcgacgatt	tcgttgagag	gcgcacccgg	gcggccagct	60
gggctcggag	cggaacgggg	tcaggatgga	cgaggacgtg	ctaaccaccc	tgaagatcct	120
catcatcggc	gagagtgggg	tgggcaagtc	cagcctgctc	ttgaggttca	cagatgatac	180
gtttgatcca	gaacttgcag	caacaatagg	tgttgacttt	aaggtgaaaa	caatttcagt	240
ggatggaaat	aaggctaaac	ttgcaatatg	ggatactgct	ggtcaagaga	ggtttagaac	300
attaactccc	agctattata	gaggtgcaca	gggtgttata	ttagtttatg	atgtcacaag	360
aagagataca	tttgttaaac	tggataattg	gttaaataaa	ttggaaacat	actgtacaag	420
aaatgacata	gtaaacatgc	tagtttgaaa	taaaatcgat	aaggaaaatc	gtgaagtcga	480
tagaaatgaa	ggcctgaaat	ttgcacgaaa	gcattccatg	ttatttatag	aggcaagtgc	540
aaaaacctgt	gatggtgtac	aatgtgcctt	tgaagaactt	gttgaaaaga	tcattcagac	600
ccctggactg	tgggaaagtg	agaaccagaa	taaaggagtc	aaactgtcac	acagggaaga	660
aggccaagga	ggaggagcct	gtggtggtta	ttgctctgtg	ttataaactc	tgggaaattc	720
catctcttgc	atatttgatc	agatagtgc	atctttctgt	atataaactc	tttaactgct	780
attttaggga	ccttgcagtt	tgacacataat	tgttttatat	catagcagta	aataatttgc	840
agaaatccca	ctcatcgacc	ccgggtaaaa	tggtatggta	agcatgcaca	gtttgcagtc	900
tacagttttt	ttatgtagca	caaaatagggt	gtacctttat	aagtacattc	aattttatga	960
tttacattta	tcagttaatt	tttaaaaaaa	tccatctatc	taggatattg	tgatacaaa	1020
tctgcttttg	ctattctttt	tgtttaaata	ctcctatcat	tttctgaatt	acttggtatt	1080
tagaactcct	agcaccacgg	ggaagaatag	aggtatcatc	aaacgtggca	aattttcttt	1140
caggaataat	aaagagcatg	attccacagc	ttttctggga	tgtttgagat	tcttttttag	1200
tactaagcaa	aattctcatc	acagaatgta	gcccaggcca	atttataact	aatctcttat	1260
ttgttcggat	gatgcttcta	aaacagcatt	gatagggttaa	agaagcttgg	tatttttaat	1320
ttacttcaat	gattagctca	gttgcttaac	tggagtttta	atcctgtgat	atgtacattg	1380
gattcatgac	tgtgcagcat	tttttagttat	gtggtgtttg	gcagaatgac	aataagggtt	1440
tcccccat	tggtttcagg	aggacatgaa	tagtgtgttt	attgtaactc	ctcatacact	1500
tttaaaacca	acatcttttt	tcataaatgt	tggtagtgtt	tgtccaggta	ccttaactgt	1560
agcttgtgta	atggtgatga	atatctgtat	cttacggctt	ccataatggc	tagttgatat	1620
tcaaaaacct	atctctgtgt	tttgaggggt	ggggaaaaaa	aacactaagt	gataatttga	1680
aaaaggcata	ttgcttccag	attctgatgt	gtgagggaaa	atactgtcac	aatgaaaatc	1740
ttgacaattt	acttaacaag	taaccagtag	ttcatcaaaa	ccaacttgta	cagactaata	1800
aatctttttc	acagtattca	gttttctcac	ctcttgctat	tgtatatatt	agattttttt	1860
cattcatgtg	ttatttaatt	tacactgata	tctgctat	taacccccca	aataagttat	1920
ttgtccttta	agggttggtta	ctataatacc	cctcagtaag	attccagtat	taatttctgg	1980
gcagtttggt	ctctgtatac	aattgcaaat	gataagcatt	tttgtgagtg	accacctttg	2040
caatatgttt	gttaattttac	ttcatgttgg	gttctttctg	aaatgtacat	ctttacatat	2100
aaaaacctca	cattctactt	gattttacact	tcctagtcta	cattacatgt	ggttgaaggt	2160
tttatacatt	ctatatgctt	ttactaaata	tacaagattt	actactagaa	atttggagaa	2220
agaacactaa	cacatgtact	tgtgatttgt	tcatgttata	ttaaacttg	agatttgtgt	2280
atztatgtag	agtctgtatt	gacaagactg	ttgttttttg	ctccttgagc	tatataataa	2340
tctgtgtatt	ggattgttgt	cttgatttgg	tctaaatttg	aatatatatg	agttacttga	2400
atataacaaa	aatgaatttt	gtttgataga	tttatattgt	aacctttttc	tagttcttga	2460
ataaatatag	cctgctttcc	ctaggatgca	tttgtgtagg	gaagtatata	catttcccta	2520
ttactctcat	caggctggaa	ggaatatgta	ctatttgtgt	tactcaaatt	atgtgggcct	2580
ttccattttg	ttgttttgtt	gcaagcttag	tgttttgtag	tggagggttt	gtaaatgaaa	2640

cagttgtaat	atctaaggtc	aggcacctag	taacagggtt	ttgttaattc	ttttcagaat	2700
cattgaagca	gtcttaaagg	gtcttttgca	gatggtacaa	attagaacaa	ttagaatata	2760
gtattttgag	ttctagtagt	actgagattg	acccaaacaa	ataaaaaact	attcaatttc	2820
tgaaaaaaaa	aa					2832

<210> 7597

<211> 3028

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2865)...(533)

<223> similar to gi4176446 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7597

gttagtccat	cttattcagt	ccatggaagg	ggtgggtagc	acagctgggt	cccgggtctg	60
ttgtgtccca	gcatctgagg	ggccacgcag	tgccttctag	accactcaag	gaagggcaga	120
accttggaac	tgaatacagc	tctgcagccc	tagctgcaca	gaagacaggt	aggtgctttc	180
tcaaagaaga	cagacacagt	ttatttataa	accaaagagg	ccaggagcct	actagccacc	240
cccatccctt	tccctcttcc	tgagcacaga	catggctccc	ccacctcctc	acaagggttt	300
tggtacaaac	tgtggttttg	cctagagcat	ccctaaggac	cctggtgggg	cagggtagcc	360
tctgtcccca	ccacctggga	tgtgctgggg	aacgtggagt	ggggcagcct	gatattgata	420
tcccgcgccc	ccggccaggg	ctctggagct	gctcttccct	gggctctgca	gcttggggtc	480
ctggggccacc	tcagacgcag	gcccagaggt	gggctgggga	ggaggggggtc	acccgtccac	540
atcccagctg	aagaggtggt	gcttcaccag	catgtcccgg	acgcccctct	tcaggggctg	600
ctgcgcctct	ctcttcgcag	ggagctccca	gtcctgggag	aggctgaagg	caaagcagca	660
gaggactcgg	agctcacact	tgatctggac	ccagcccggg	ctgcgcagga	aggaccaggg	720
ctggtaccac	ttctccacgg	tgggcaggct	ggagcagagc	acctccagcc	acaggtgcag	780
cacctgctca	ttgagcccca	cgcagatcag	tgagcggagc	ttcacatcca	tttgtgcatg	840
cactgcatcg	tgggtcacgt	tcacagactg	cacagcccgg	tagagcagct	cctccggggg	900
caggactttg	ccatcttcat	ccaacctgaa	ggtcttacag	agcaccagac	gggaatacac	960
ggaggcaaaag	tctctctcga	cctcccggcc	tgcagcctcc	tcgataaaca	gccaggggtg	1020
gcaggcgccc	ccaagcaggg	atggcttctt	cagtccatgt	tcgaacaggg	ccttaagggc	1080
cgggcagagg	gtccctcgca	cgaggtctgt	gacccctcc	gtcaccgagt	catccccgc	1140
gatggagtac	tctttgctgc	gtcatccag	gacttccacg	aacttggtcg	gaaaccagcc	1200
tcgcaggccg	ttgagctccc	ccaccagca	gtgctcgtcc	ttctgagaca	cgattgtgat	1260
gatgtcgttc	ttgcggaagc	ccagctcgtc	gtcgtcgtgc	cgctcaaagt	ccagcagggc	1320
cttggctcgg	cgccggtggc	tgcgtgagca	cgccacgtag	ttctcgtggg	cccgtcgttg	1380
gctctccatg	ctatagtctg	gagtcagctc	ctgccacagt	gaatacaggc	ccactaaggg	1440
ggttgaggga	gtagggccg	tgtttggtag	cagcccaggg	agctggcgac	tcaccacgct	1500
gcagtttttg	gggtctgtgc	actggaagtg	gcggtgccacg	cgcaggatgg	cttcccggag	1560
gtcagccacc	agttccgtct	gcttgatggt	cttggccttg	agtgcctcca	ggtcatcctc	1620
cccgaagagc	agagcagtga	tgggtggaact	cctccgctgg	gtcctgcggc	gaacaacctg	1680
agagaggttg	gtgagggtgc	cggcccccag	gagctggccc	tgggtctgcaa	tgagataggc	1740
caggtgcttg	cggcgctgag	tctccacggc	cacatcggtg	agggagccgg	ccagccgcat	1800
ggccaccccc	agaagcagct	ccgcgtcctc	catctgcgac	gggatatccg	atagcgtggt	1860
gaagatggag	gccgagttct	ctgactggat	cagctcttcc	tccttgagggt	gcagcatgcc	1920
cagcgtgagc	tggaacagca	cccgggagcc	ctcgtagaaa	aacagggtccc	agatgcgcag	1980





```

tgagctcctt tatgtttggg tggcatgttc atgaaaaagc catacttcta gcaatttctcc 1200
caatgagcct tttgtctgtg ggaaaagcag gagacgcttc gatttttctg attctgacca 1260
caacaggaca ttattccctc tttcctctgc tcttcaactgc accagaactt cccattaaaa 1320
tcttactcat gttactattc accatatata gtatttcgtc actgaagact ttattcagaa 1380
aagaaaaacc tctttttaat tggatggaaa ctttctacct gcttggcctg gggcctctgg 1440
aagtctgctg tgaatttgta ttccctttca cctcctggaa ggtgaagtac cccttcatcc 1500
ctttgttact aacctcagtg tattgtgcag taggcatcac atatgcttgg ttcaaaactgt 1560
atgtttcagt attgattgac tctgctattg gcaagacaaa gaaacaatga ataaaggaga 1620
ctgcttagat gtgtgccaag caattatttc atgggaaatt aaccagaact tgaagaaaagt 1680
tgccagtggc atcagccatt tgtttcagta gaactgttca gagcaccgtt cttccacact 1740
tggctcttgc cagcctagca accggatttt caccatgggtg agaagccgcc aacttttttt 1800
ttttggcgtg tacacaggca gatggtgtac tgtccccatt ctgtacacct tgttccagat 1860
tttttttgtt tgaaattata cagtgacaat actcacaaag ccaaggggag tagttaaggt 1920
ataattt 1927

```

```

<210> 7599
<211> 4697
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(1404)
<223> similar to gi4240235 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7599
cgacgcacgc cgcgatggcg cgggaggggac agtgcttgtg aaactgaaca caacaaaagt 60
atggatatgg gaaaccaaca tccttctatt agtaggcttc aggaaatcca aaaggaagta 120
aaaagtgtag aacagcaagt tatcggtctc agtgggtctgt cagatgacaa gaattacaag 180
aaactggaga ggattctaac aaaacagctt tttgaaatag actctgtaga tactgaagga 240
aaaggagata ttcagcaagc taggaagcgg gcagcacagg agacagaacg tcttctcaaa 300
gagttggagc agaattgcaa ccacccacac cggattgaaa tacagaacat ttttgaggaa 360
gcccagtccc tcgtgagaga gaaaattgtg ccattttata atggaggcaa ctgcgtaact 420
gatgagtttg aagaaggcat ccaagatata cactcttaa ccaaaatctg tgcggtgcaa 480
ggaaaaatct ccttgcgga agcaaggat cactcttaa ccaaaatctg tgcggtgcaa 540
gagataatcg aagactgcat gaaaaagcag ccttccctgc cgctttccga ggatgcacat 600
ccttccgttg ccaaaatcaa cttcgtgatg tgtgaggtga acaaggcccg aggggtcctg 660
attgcacttc tgatgggtgt gaacaacaat gagacctgca ggcaacttat ctgtgtgctc 720
tcggggctga tcgctgacct ggatgctcta gatgtgtgcg gccggacaga aatcagaaat 780
tatcgagggg aggtagtaga agatatcaac aaattattga aatatctgga tttggaagag 840
gaagcagaca caactaaagc atttgacctg agacagaatc attccatttt aaaaatagaa 900
aaggctctca agagaatgag agaaataaaa aatgaacttc tccaagcaca aaacccttct 960
gaattgtacc tgagctccaa aacagaattg cagggtttaa ttggacagtt ggatgaggta 1020
agtcttgaaa aaaacccttg catccgggaa gccaggagaa gagcagtgat cgaggtgcaa 1080
actctgatca catatattga cttgaaggag gcccttgaga aaagaaagct gtttgcttgt 1140
gaggagcacc catcccataa agccgtctgg aacgtccttg gaaacttgct tgagatccag 1200
ggagaagttc tttcatttga tggaaatcga accgataaga actacatccg gctggaagag 1260
ctgctcacca agcagctgct atccctggat gctgttgatc cgcagggaga agagaagtgt 1320
aaggctgcca ggaaacaagc tgtgaggctt gcgcagaata ttctcagcta tctcgacctg 1380

```

aaatctgatg	aatgggagta	ctgaaatacc	agagatctca	cttttgatac	tgttttgcac	1440
ttcatatgtg	cttctatgta	tagagagctt	tcagttcatt	gattttatacg	tgcatatttc	1500
agtctcagta	tttatgattg	aagcaaattc	tattcagtat	ctgctgcttt	tgatgttgca	1560
agacaaatat	cattacagca	cgttaaacttt	tccattcgga	tcattatctg	tatgatgtgg	1620
tgtggtttgt	ttggtttgtc	cttttttttg	cgtttttaat	cagaaaacga	aatagaggca	1680
gctttttag	attttaaatg	ggttgtgcaa	gcattaaaat	gcaggtcttt	cagaatctag	1740
aactaggcat	aaccttacat	aatactagga	aaattatgag	aaaggggaaa	tttttggtta	1800
aataagagta	aggttcaaac	acaagcagta	catgtttctgt	ttcattatgc	tcgatagaag	1860
gctttttttt	cacttataag	gcctgattgg	tccatcccag	cttaacgggg	tgggggtttt	1920
ttgtttgttc	agacagtctg	ttcttttgta	aacattttta	gttggaaaaa	cagcatctgc	1980
attttcccc	tcctctacgt	tttagagagg	aatcttgttt	ttgtgtgcaa	cataagaaaa	2040
ttatgaaaac	taatagcaa	aaaacctttg	agattgcatt	aaagagaagg	gataaaggac	2100
cagcaataat	accttgtaag	ttgcttttgt	ttgtaaaatc	tgagcttata	gttttcttta	2160
gtgagtaaat	tcataaggat	gggaacattt	aaattaagtt	aatgggcctt	taaaaaaaa	2220
aaaaggaaaac	actcatacct	gtagttggag	gatgaatact	ggagacgggt	taccaatgtc	2280
aggttatact	aaaactaaat	cagaaagtct	gaatgtagca	cataatggtt	ctcttctggt	2340
gtccaaggct	gtaaaatgga	cagccttgtc	acacctcccc	ggtgctgttt	tacaacgtga	2400
gggtagacgc	tgtcagtaac	ccagagggac	caggccttcc	taggttttct	aggcagtcag	2460
ctgttaacca	ctcacttagt	aaatgtcata	actacacctg	ctccaggacc	aatcagtgaa	2520
acctgctcgg	aattaaaggc	ttcctctggg	tgccctgctga	acaactgagc	tcatgtcatg	2580
ggcatgtggt	ggtttctctg	ttgcctgaaa	gagccattaa	agtcagtcgt	gcgtgaagca	2640
tctctcttct	aaaggatgtg	tatttccata	aatgctttct	gaggatccgg	tacaaaatga	2700
tttcccaaag	ttctgaagtg	ccttgagaac	atgtgggtcc	gagtgttata	acagactcct	2760
cccccggtc	accttttgcc	tggtcacct	gttagagtag	atctttggaa	atccagggtta	2820
atattctctt	tcagagatgc	tcattgtgta	actctgtgta	gggagatagt	cactttaaac	2880
agctcaaaagt	agctagctaa	aggagtagcc	ttaaatacct	aaaagatgac	agaagcatag	2940
cccttaacaa	atcttcagct	tgtctctcag	tatttcccaa	ctatgaaaat	cccttgctat	3000
gtctttccta	ctagaaatgt	tctagaatcg	ctggacgggtg	gggtcagagg	gcagtcggta	3060
tttaggccgt	gagcttccca	tactactgca	ggtccaactc	ctggcaaccg	cgggctcaag	3120
gcaggtcatt	ggaatccacg	ttttggccac	agtagttgta	ggattgcttt	tctgtatcat	3180
aatttttagaa	tgctcttaaa	atcttgagga	agagttttta	ttttttattt	atttttgaga	3240
tggagtctct	gttgcccagg	ctgcagtgca	gtggtgccat	ctcagctcac	tgcaacctcc	3300
acctcccagg	ttcaagcgat	tctcctgcct	cagccacctg	agtagctggg	agtacaggca	3360
tgtggcacca	tgccctggcta	atttttgtat	ttttaataga	gttgagattt	caccatgatg	3420
gtcaggctgg	tctcgaaactc	ctgacctcgt	gatccgcccg	cctcggcccc	ccaaagtgct	3480
gggattaacg	ggtgtgagcc	acggcgccca	gcccaggaag	agtttttaaa	ttagagctct	3540
gtttaattat	accactggga	aatcatgggt	acgcttcagg	catattcttc	cccagagtag	3600
tacttacatt	ttaaattttca	ttttgtaaaag	ttaaatgtca	gcattccctt	taaaagtgtc	3660
catgtttctt	tgaaagtaga	cgtttcagtc	attcttttca	aacaagtgtt	tgtgtacctt	3720
ttgccaaagt	gtgggcacatg	tgtgtgagta	cagggtgctc	agctcttcca	ccgtcatttt	3780
gaattgttca	catgggtaat	ttggtcatgga	aatgatcaga	ttgaccttga	ttgactgtca	3840
ggcatggcct	tgtttctgggt	ttcaatctgt	tctcgttctt	tgtaccggat	tatttacttc	3900
ctgcaatgaa	ccctgttgac	accggattta	gctcttgctg	gccttcgtgg	ggagctgttt	3960
gtgttaatat	gagctactgc	atgtaattct	taaactgggc	ttgtcacatt	gtattgtatt	4020
tttgtgatct	gtaatgaaaa	gaatctgtac	tgcaagtaaa	acctactccc	caaaaatgtg	4080
tggctttggg	tctgcattaa	acgctgtagt	ccatgttcat	gccaaaaatg	gctgggaacg	4140
tttgctttat	ttacattcag	tcagcgttgc	tttcagatca	cactttatcc	acacaggaaa	4200
gccagtcagc	ctataatgaa	gtagttatta	aaataaatgt	aatgaatatg	tctacaaagt	4260
atagtttagt	ggtttatttt	gctaaaatgc	acatatattt	gatataattt	agtttgagaa	4320
gttcagctag	tttttctcct	ttgtttgact	ttgtcaattt	ctatctgggt	tttaagggtc	4380
tgagcttagc	ttgtgcatgc	aaggtttttg	gtttttttat	tttttttttg	agcacagctt	4440
ttcaccgttt	taattttgtt	ggtatttttc	tcttaataag	agaaatattg	gccatccgat	4500
ttttacatat	aatacaaaagt	gtgtttttcc	aagtacattg	gttctctgtc	cctccctgtg	4560
aaactggttt	tgaagtattg	gaacaagtaa	tgtccttcaa	taattcaatg	ttactttgag	4620
atacatgtgt	taatatatcc	ttagtatttc	ttgaaataaa	accagtcctc	tacgcttgca	4680
gtggaaaaaa	aaaaaaa					4697

<210> 7600  
 <211> 1065  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (965)...(272)  
 <223> similar to gi780263 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7600  
 tttttttttt ttagagtcaa gatcttttat ttcttgattt taaaaatcgt caccatcata 60  
 gacctcctgg cttctcttgt atctgtgttc taatggctcc cagcagtgcc ttcacacagc 120  
 ccctttattc cccttcttgt gcctgcccat gagcctgagt gtgacagatc aattagcttt 180  
 gtccctccaa actgtgggag caggactaga ctcttctggc aggacagagag ctctcctcgc 240  
 gccagtgttc gagcctggtc caccactcct cagttcttct tgctcttggc ttttgtggcc 300  
 ttggcatcca gcgtgctctg ggcattgagt aggtgcttca cagcatcaag cacaaggact 360  
 ccaggcagca ccagccacag ggcattcatg aagacaaagt aaaaccagaa gtagagaggg 420  
 tggcccagct ctccgtgctg gaatccgctc cggtgctctg tcaggaagta gagcacatcc 480  
 ccatagatct ggccacacaga gaccacaagc tgtagaatga agcggagggg atgctggcgg 540  
 agaaaggcga tcaccaccca caggctgagt ggtcccccaca ggcaagctgt gatggtttcc 600  
 atgcacactg tgaagttgtc acccaggatg tatcggtctgt ctcccttggc atactctttc 660  
 cagagttgag ataagaaggc ttggtctcca agcaggtctt cgtagtagag aacgaaccag 720  
 ccctcgatca ccaggtgaat gaaccacac actgcaaacc agcacaggga cagtcgccgc 780  
 caagtcccca atgggacaac cgcagcacga cctgacaaca gccatgtggt cacgactaag 840  
 acccctgtga cagagaagag gccagccagt atatgccagg tggggcggtc attaggtaca 900  
 aagttgtcca gtcttaggtg ctgaggccag tatgggtgca agggggccgc gttggtagtc 960  
 atgtctttgt gggctgatgg caaggcgcg cgcggcagcg gcctcccacg ctggctccgg 1020  
 gctctcttta ggctgggtct cgcgcgggac gcgtgggtcg acccg 1065

<210> 7601  
 <211> 3395  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3225)...(1402)  
 <223> similar to gi603953 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7601

tttttttttt	ttaaaaatat	gtttatcttt	aatgatccaa	gattctgcaa	gacacactga	60
tatacccaga	attgggtggg	aaatacagca	tctcagcagt	gctactgcca	gcctgggggt	120
ggggagctgg	atgctggctg	aaggaccccc	atggtgaagt	cgattccaac	ctcacgggag	180
cctcagtgcc	ctatctccat	ggaaaccagc	ctgggcactg	ggatggggcc	ctagggagcc	240
tgccatgaaa	catctctgat	aggatatttc	ccattaaaaa	caaccacag	gtgccacccc	300
ccaccccaaa	gctacttgcc	cagctccccc	tcctctctgt	gtttgtcggg	ccaaggataa	360
agggaaatgg	gggagttgac	cactttaacg	gacaaaacaa	aagcagattt	gttacctcct	420
atthagggga	aggaaaaagg	gagggggaaa	gggtagtaag	ggagctgcac	ttcaagctca	480
gaattctgcc	aagaccctag	agcggctatg	gcagacagcg	gtgcatgact	gccagagggc	540
agcgctaccc	aaacccttgg	aggtagccctt	tggtactgct	ggggcccctg	ctgctgtggg	600
ggaaagatcg	gtcttcaagg	ctgcttcctg	ccatctagcg	ctgccaatg	tttggacca	660
aaggggatgg	cacctaggat	ggctctacaa	ctccatactc	aagtacgaaa	agagggtctc	720
caggatctca	atgtggtatc	agggatgaga	gtttgcccac	actccctcct	tcccaccctg	780
ctggactgtc	agagctctgg	gctaggaaga	actccaggga	aggccaggat	gagtggggga	840
aggagacaag	aaaatggtct	ccaatttggc	atcaaaacag	agtaagttca	aagaaacaaa	900
accttgattt	ttttatagca	ggttctcctg	gccagctcat	gacagcaggt	ctccaccac	960
tcagggatgg	ccaataaaaa	agttgggcaa	agcaagggca	tggtaccct	cagggcagtg	1020
catggaactc	agaaaagtga	gtctacagga	tgcaggagag	aacagcagag	cccacagctc	1080
tgccactctg	atatgtcctc	catcagctcc	acgtgcccta	ggcactgacc	tcatacctgc	1140
ctcaggagca	gcttccttca	ggctgagctc	tggcagggga	aagttcccag	gcaggtgtcc	1200
cagaaggaac	atgagtgttc	tctgcagggc	cctgcctgag	ctcttcaggg	gatggagagg	1260
aggccaccca	ctcctcatgc	cagagtgcac	tgctccccag	tcccttttca	agagggggaa	1320
gaagccagca	ctgtgggccc	caggtggccc	catctcagga	atgacagggc	attctgcagg	1380
ggtggcacat	tctgaggctc	ttaggccctg	tgcacttggg	tgaaggagag	gacgtcctcc	1440
ttggacagct	tgtcctggtc	ctggggcttc	tgggagtcac	gcacacgaat	gccatcccc	1500
cactcccaga	agagccggcc	atagtagcaa	atgtgaaatg	gggcaatgga	gtctgcaggg	1560
agggtcaaaa	tagagtcctt	ggttttcttg	ttgtagaaga	acttcttctt	gaagcttttg	1620
ctgaatccca	tagtccaggg	ctcattcact	gtcctgacga	tgtagaggcc	catgggtaca	1680
aagtgccggt	catcacgccc	tgtgtagctg	agctttgggg	tgccactgga	gcccttgatg	1740
atcttcatct	ccaacctgac	aaaaatcttc	tccatctctt	ccagtctgta	cacctccttc	1800
accctgatgg	gattcatgtc	gggtcgacta	ggcttggaac	cggttttcac	aaatttctcg	1860
gcaagctgaa	ttcgctggtt	aaagtgtctg	tcccgaacgt	cggtgccatt	cagcacaagg	1920
acatcgagga	tgtggatggc	actgatcttc	ctctgggcct	tcccctcccc	tttcagctca	1980
tgcacaattt	ccacagatag	cagagtgtcc	cggggcagct	ctgtcttcag	gtctagcttg	2040
atccagcggt	ctgactggcg	gccatcccat	gtgtagatct	gggatttccc	caggccgatg	2100
aggaactttt	gctcactgcc	agataccatg	cagcggtagt	caaacacagg	gcggatcttc	2160
tccagggttt	tagagggtgag	cagtgtgggc	ttgtagctga	agatgtcaat	ctcagtgcct	2220
tggattagct	caaagaactt	cgatttaggg	tccgaggaag	aaggagccac	acgagcctgg	2280
tctgggatcc	cccagagtgc	gaggcactcc	ttccgtatct	ctgcctgtcg	aggctcactc	2340
agtgtcgtgt	cttgaacaaa	ggcatggatt	ttcgccagag	ctttgatctg	cagactacag	2400
tggctctcat	tggaccgtat	catgtagtca	gtaaattcat	ggtctccctt	gatcacctcc	2460
agggggacca	ccaagttagc	gtcggaaatc	gtgttcgcga	gctgattgag	tttaatatcc	2520
actgcgaaga	ggtaatcccg	aacatcatct	atagccacct	tcaggccctt	gcacaccaca	2580
tacctctctg	agttggcagg	acggctggta	atagccttga	agagacaaac	tcgttcaaa	2640
cagcagtaca	gcaggtagac	aagccccaca	ctaaacggtg	tgaacaggtc	aaagggttta	2700
cagatgaagt	ggcctcctgt	ccggacaatg	gacagcgcca	tgaggaaactg	acacagaagc	2760
agctgcttgc	tgaggatctc	ctgcagggtt	tcctgcccct	ccaccgagaa	acccccatca	2820
gccatcagaa	aatggacacc	cttgcgatct	gtgttatcca	ggacaaaatt	ccgaaaagca	2880
gagatgttct	ctgggcgggt	gatattctca	tctccatcaa	tcccaccctc	accatagtag	2940
ggttcgaaga	gttcaactgga	agcagagtag	aagtcctcca	gcttgaagtc	attagggccc	3000
ttcaaagtca	ttccaaagcc	ctttgcatgc	cacttcttcc	tccacagcac	atactctgag	3060
aagccacctg	ggcctgcgca	gacatcagca	aagtacagaa	gctcagcttc	ccggtccttc	3120
accagtggct	tcccataaga	gtcccgcgga	tttgtgaaca	tgcgatcaaa	tacaaaatcc	3180
atgttagcca	tcttcattgc	tgccctgttt	agaaagaaga	ctcctcggat	catctcatag	3240
ggattggccc	gagtcggagc	tcgcccgcac	tcttccccat	ccaagacatc	aaacacgctc	3300
ttacactgca	acacactgtg	aagcagctct	tccccacaaa	actctgtttc	atcttcaata	3360
atcatcttcc	tctttccccc	caccatccaa	tcgct			3395

<210> 7602  
 <211> 1665  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1666)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (94)...(1665)  
 <223> similar to gil546902 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7602

gggcagggaa	tctggccttga	ttggcgtgct	gagacgcacc	tggcgcaacc	ctcccttctg	60
aatcgaagtt	caagtcccgc	ggacactgca	accatgaagg	agagacgggc	ccccagcca	120
gtcgtggcca	gatgtaagct	cgttctggtc	ggggacgtgc	agtgtgggaa	gaccgcgatg	180
ttgcaagtgt	tagcgaagga	ttgctatcca	gagacctatg	tgcccaccgt	gttcgaaaaat	240
tacacagcct	gttttgagac	agaggaacag	agggtggagc	ttagtctctg	ggataacctca	300
ggatctccct	actacgataa	tgtccgtcca	ctctgctaca	gcgactcgga	tgcagtatta	360
ctatgttttg	acatcagccg	tccagagaca	gtggacagcg	cactcaagaa	gtggaggaca	420
gaaatcctag	attattgtcc	cagcaccgcg	gttttgctca	ttggctgcaa	gacagacctg	480
cgaacagacc	tgagtactct	gatggagctg	tcccaccaga	agcaggcgcc	catctcctat	540
gagcaggggt	gtgcaatagc	aaagcagctg	ggtccagaaa	tctacctgga	aggctcagct	600
ttcacctcag	aaaagagcat	ccacagcatc	tttcggacgg	catccatgct	gtgtctgaac	660
aagcctagcc	cactgccccca	gaagagccct	gtccgaagcc	tctccaaacg	actgctccac	720
ctccccagtc	gctctgaact	catctctcct	accttcaaga	aggaaaaggc	caaamgctgt	780
tccattatgt	gaagtggaaa	ttggaggggg	gagacaaccc	cctacttcct	cccttgggggt	840
gcagaggcac	ggggagaggg	aggatgagac	aatttaggac	actggacatg	agtttttcag	900
atggccacgg	tgagggcttg	gaaggagaca	ggaatggggc	gaggaaggag	ccaggccccg	960
catgaggacc	tgacgctgag	agagagccat	cataccccaa	gccaggcact	agattttgga	1020
gggggcgact	accccagtcg	cccccccgct	ccagaggaag	gaaagctgtg	ggggacgggg	1080
ggcatgctgg	cctcatgggc	ttgggggcat	acagcagcct	caccttcagc	ttcatgcctc	1140
ttccacacag	cgtttccatg	caggctcagg	gatgggaggg	gtccctgagc	ccttcccttc	1200
ccctctaagg	aggcagcaac	ggcagagtgg	ggaagtggag	cggcagctcc	cttggggggcc	1260
tttagcccca	ggtgccttcc	gtaactgcaa	ttcggaagtg	caggagctgg	tcagagccca	1320
atgagaagga	aacctcatcc	tttgcatagc	cccnatgccc	tccatggaga	ggtgacatca	1380
tacattcaca	tgcttctcac	ctaagtcccc	caggggtcaa	gggagaagcc	ccagaccccc	1440
ttctcttgca	gagtgtgggg	gtggtggtgc	tgcaggggca	gggctgggtg	ggggtcacca	1500
gactttttct	gcccttaggg	tagtacagct	ggcatttggt	ttatagactc	ttgtcttttg	1560
aattgggggg	agggggggag	tgtttcaatc	tgttatatgt	tctgtgttta	atgaagaaaa	1620
cctattttatt	aatgaaaaat	ataatacata	taaagaaaaa	aaaaa		1665

<210> 7603  
 <211> 621  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(622)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (121)...(382)  
 <223> similar to gi3878951 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7603

tcccgatatt	cccgggtcga	cgatttcgtc	gccgagccca	gctccgccgc	cgagcgcctg	60
tgccggcacg	gctacaccat	ggagcgcccg	gataaggcgg	cgctgaacgc	actgcagcct	120
cctgagttca	gaaatgaaag	ctcattagca	tctacactga	agacgctcct	gttctttcaca	180
gctttaatga	tcactgttcc	tattgggtta	tatttcacaa	ctaaatctta	catatttgaa	240
ggcgcccttg	ggatgtccaa	tagggacagc	tatttttacg	ctgctattgt	tgcagtggtc	300
gccgtccatg	tggtgctggc	cctctttgtg	tatgtggcct	ggaatgaagg	ctcacgacag	360
tggcgtgaag	gcaaacagga	ttaaagtga	catcaccttt	ttatagcatt	aaattcattt	420
tttaaaatga	taaatgctgg	agggggccat	ctgatttgaa	taaagttgaa	agaacatggt	480
aaagtcagtc	ttaaggagtc	acgtttgagt	atgtaaatgt	tgatctttct	aatatgttgg	540
ttgnaaaatc	agttttaact	gtatgaatct	ganttgcnat	gagaattgga	aagtagtacn	600
agaataggta	attaatggcc	a				621

<210> 7604  
 <211> 6012  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (510)...(4248)  
 <223> similar to gi2887437 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7604

gagggcgggg	aagaggcgtg	acggagattc	ctgaggtgta	gtagcctgag	gttcccttat	60
gtggccctat	agctgttact	gaaggaagta	gcctacgtcc	acgcctacaa	ctgaagtctc	120
ttgacaaaca	cctcaccctt	gcctccggga	tgaaaggggg	taacctagac	ctgaatgggc	180
ttgaccatct	cacaactgct	cgcgtgacga	cgcattcgt	ggcaggtaag	aagattgctg	240
tatcaactca	agaaagcagt	aacttcactg	tctttgtatt	ttgaattgca	acaacaactt	300

tgatatcaac	aatgaagcaa	tgatatctaa	gaacaaaaga	gtatttgcca	acagtcatca	360
taatatcaag	tgattgtata	agcagaaaca	agctgtcaca	gacctgtgcg	tcagctaata	420
tatggagaat	gctttcttct	gatactattt	acttagaggc	agttttaata	taaatcattt	480
caattatata	tacatcaaata	aaaataaaaa	tgagtgaagc	ccccagattc	ttcgttggac	540
cagaagatac	agaaataaat	cctggaaatt	atcgacattt	cttccaccat	gcagatgaag	600
acgatgagga	ggaagatgat	tctccaccag	aaaggcagat	tgtgggttgg	atatgttcca	660
tggaagaa	atcccaaata	ccaaacccaa	tgaaggaaat	tcttgaacgg	atctccttat	720
ttaaatatat	cacattagta	gtatttgaag	aggagggtat	tttgaatgaa	ccagtggaaa	780
actggccttt	atgtgattgt	cttatttctt	tccattctaa	aggatttcca	ctggacaaa	840
cggttgccta	tgcaaaaact	aggaatccat	ttgtaataca	tgacttgaat	atgcagtatc	900
tcatacaaga	taggaagaaa	gtatatagta	tcttcaagc	tgaaggattt	ttacttcttc	960
gttatgctat	tttgaaccgt	gacccaaata	atcccaaaga	atgtaatctg	attgaagggg	1020
aagatcatgt	agaagtaaat	ggggaagtgt	ttcaaaaagc	atttgtagaa	aagccagtc	1080
gtgcagaaga	tcacaatgtt	tacatttatt	acccaacttc	tgctgggtgg	ggaagtcaaa	1140
gactctttag	aaagattggc	agtagaagta	gtgtttattc	tccagaaagc	aatgtacgaa	1200
aaacaggctc	atatatatat	gaagagttta	tgccacacaga	tggtactgat	gttaagggtt	1260
atacagtggg	tccagattat	gcccattgct	aagctcgaaa	atctccagca	cttgatggca	1320
aggtggaacg	agacagtga	ggaaaagaag	taagataccc	tggtattctc	aatgcacgag	1380
agaaattaat	tgcttgga	gtctgccttg	cttttaagca	aacagtttgt	ggctttgatt	1440
tgttacgggc	caatggacag	tcctatgtct	gtgatgtcaa	tggttccagt	tttgtgaaaa	1500
attccatgaa	gtattatgat	gactgtgcaa	aaataacttg	aaatattgta	atgcgagaa	1560
ttgtctccaca	atttcatatt	ccatggtcaa	tacccttaga	agctgaagat	atcccaattg	1620
taccaactac	atctggaact	atgatggaac	ttagatgtgt	catagctgtt	atacgtcatg	1680
gggatcgaa	accaaataca	aaaatgaaaa	tggaaagtga	acatcagaaa	ttttttgatc	1740
tttttgaaaa	gtgtgatgga	tataaatcag	ggaaattaaa	actcaaaaaa	ccaaaacagt	1800
tacaggaagt	gtagatattt	gcacgcagc	ttcttatgga	gctagggcaa	aataatgatt	1860
ctgaaattga	agaaaacaag	ccaaaacttg	aacaacttaa	gactgtatta	gagatgtatg	1920
gtcatttttc	tggaaataat	cgttaaggct	agttgacct	tctccctcat	ggtgtgccta	1980
aaacatctag	tgaagaggag	gacagccgaa	gagaagaacc	atctttactt	ttggttctaa	2040
aatggggagg	tgaattaaat	cctgcaggca	gggtccaggc	tgaagaactt	ggaagagcct	2100
tcagggtgat	gtatcctgga	ggtcaaggag	attatgcagg	atttctctgt	tgtggtttac	2160
ttagattaca	tagcacctac	agacatgacc	tcaaaatata	tgccctctgat	gaaggacgag	2220
tccagatgac	tgacgtgct	tttgcaaagg	ggcttttagc	tttggaaggga	gagcttacac	2280
ccattcttgt	tcaaattggt	aaaagtgc	atatgaacgg	tcttttggtat	agtgatagt	2340
actctctgag	cagttgtcag	caacgtgtga	aggcaaggct	tcatgaaata	cttcagaaag	2400
acagagattt	tactgctgaa	gattatgaaa	agcttactcc	atctggaagc	atttctctta	2460
tcaaatcaat	gcatttaatt	aaaaaccctg	tgaagacctg	tgataaagtt	tattccttaa	2520
ttcagagttt	gacttctcaa	atcagacatc	gaatggaaga	tcctaaatca	tcagatattc	2580
agctttacca	tagtgaaaca	ttggagctta	tgctacgtag	atggtccaag	ttagagaaa	2640
actttaaaac	aaagaatgga	agatatgata	ttagtaaaat	ccctgacata	tatgactgta	2700
taaaatatga	tgtccagcat	aatgggttcc	ttgaaattag	gaaaacacaa	tgggaattat	2760
ataggctttc	gaaggcatta	gcagatattg	ttatccctca	ggaatatggt	ataactaaag	2820
ctgaaaaact	ggagattgcc	aaaggctact	gtactcctct	ggttagaaaa	attcgtcag	2880
accttcagag	gcacacaagat	gatgacactg	taataaaact	tcactctgtg	tattctagag	2940
gtgttctgtc	tcctgaacgt	catgttcgta	ctagattata	ttttaccagt	gaaagtcagt	3000
tacattcttt	gctgtctatt	cttcgctatg	gtgccttatg	caatgaatca	aaggatgaac	3060
agtggaaacg	agctatggat	tattttaaag	ttgtcaatga	gctcaactac	atgactcaga	3120
ttgttatcat	gctttatgag	gactcctaata	aggatctttc	ctcagaagaa	cgctttcatg	3180
ttgaattaca	ctttagtccg	ggagccaaag	gttgtgaaga	agacaaaaat	ttgccaatctg	3240
gctatggata	tagaccagct	tccagagaga	atgaaggcag	gagacctttt	aaaattgata	3300
atgatgatga	accacatact	tctaaaagag	atgaagttga	tcgagctgtg	atattgttta	3360
aaccaatggt	atcagagcca	attcatatac	acaggaagtc	tccacttcca	agatctagga	3420
agacggctac	aaatgatgaa	gagagcccc	tgagtgtgtc	tagcccagag	ggtactggta	3480
cctggctgca	ttataaccagt	ggtgtgggta	ctgggcgtcg	aagacgcaga	tcaggggaac	3540
aaatcacttc	ttcccctgtc	ttccccaaat	cattggcttt	cacatccagt	atttttggct	3600
catggcaaca	ggttgtatct	gaaaatgcta	attacctgcg	aacaccaaga	actcttgtgg	3660
aacagaagca	gaatcctact	gtagggtctc	actgtgcggg	cctgttttagc	acctcggtgc	3720

tcggggggttc	ttcaagcgca	cctaacctac	aggattatgc	tcgtactcat	cgtaaaaagc	3780
tgacctcttc	tggctgcata	gatgacgcca	cacgcgggttc	tgctgttaaa	aggttttata	3840
tctcatattgc	tcgacaccca	accaatggct	ttgaattgta	ttccatgggtg	ccatctatatt	3900
gtcctctaga	aactcttcat	aatgccctat	ctttaaagca	agtggatgaa	tttcttgctt	3960
ccattgcttc	tccatcatct	gacgttccac	ggaagaccgc	tgaaatttcc	tctacagctt	4020
tacgttccag	tccaataatg	agaaaaaaag	tatctttaaa	tacgtataca	cctgcaaaga	4080
tcttcccaac	accaccagct	accttaaaga	gcactaaagc	aagcagcaaa	ccagctacaa	4140
gtggaccttc	tagtgcagtt	gttcctaata	cctcatctcg	gaaaaagaat	ataactagca	4200
aaacagaaac	gcatgaacac	aaaaaaaaaca	ctgggaaaaa	gaaatgaaat	cttagcagaa	4260
gctggaactt	tttatactta	taaaaaatagt	atgttcttat	gtttctcctt	atgcatttat	4320
gtgttcactt	aaaaatgttt	ttaaatctaa	ggttttcttt	gtttatgttc	aggtaaggaa	4380
ctgttgtcat	gatctggaaa	tgtttaaaac	aatgtttggt	agcattctgt	gagcagcaaa	4440
acttatagt	ataaaaatcg	attgttgtta	atatgatgtt	tacatgtgtc	acatagtaat	4500
gaaaagggaac	ataaaagccc	agcaggctcg	taccaaagtc	acagcagtaa	tgctatgtac	4560
tgcagagtct	gatgagctgg	cctttgtgca	cacttttatt	ttcatgggat	tgcatcttag	4620
ctgttaaaac	ttctagattg	aaatttgaca	gccagggtta	catattgggg	acttttaaag	4680
tgtctttcca	aagagatttc	attaaccgtt	tagattagaa	tatctttccc	aattgttaca	4740
gtgacatata	tgctgcaata	tttaacaact	ggagtattag	ccacatgggt	tattttttca	4800
atctgtgttt	tgaatttttt	tattgtgtgt	tatttaaaat	attacatatg	cagctgggag	4860
aactacacct	ttgtgcacat	agatttatat	attaatttgt	agaaaatatt	ttctttatat	4920
atttccttac	catacaaggt	gccttgttca	tcaggaaaac	ttttgttttg	tattttgaca	4980
agaaaggcac	cttcagagtt	tctttttaag	tatagttgac	aagtgtataa	atgttacact	5040
tactttcaga	gttcttttta	gatctaaaga	agtcagttca	aaaatggaaa	tcaacaatgt	5100
taggagaaat	ctgaattctg	ttaagttagt	aagtattatg	tatagcatct	gtttttaacc	5160
atttccattc	ttatccctag	tgtatcagtt	gatcacacta	agaaagctta	aagattgagc	5220
atttgaaata	aatgctcttt	ataaatgatt	agatttttga	agggatattg	aaatcattgc	5280
gctgtgattt	catctgtgat	gtgaaaaatc	aatttattat	ccttggtgct	ttcccccca	5340
ccaatgcaca	aataattgtg	aacagcttga	aatgacttaa	actgtaatcc	aaatgggaca	5400
atctgataag	aatttcatgc	attggtagtt	aaataactta	aattgctaaa	gctttagctt	5460
gaaatttatg	tttagaaaaa	ctattgattt	cccatgggat	gaatataact	attgtaattc	5520
ttcaaagtag	actcttctca	ccttaaatag	tcatatatta	attaacttat	aggaaataag	5580
catactatat	gttagctgtt	ttaaaaggta	ccagatgtaa	gagtcataaa	tatatgcaat	5640
taaagaagtt	catagatttc	acatgaatgt	aaatgtgtta	tatggagaca	tgtcttgtaa	5700
acagttgaat	gtatgtaagt	tttctgtttg	tgaaaatgta	gttaatgtac	tcactgtgga	5760
ggtcataagg	aagctacttt	ttttttaaag	tggaaacctaa	ttaaaatatt	tccagaatca	5820
aaaaaaaaaa	aagggggggg	ccgttttaaaa	gaaccttggg	ggggcccaag	tttaacgggg	5880
gatggaaagg	taaaattttt	tcccttatgg	ggggccaaat	aaaacccaac	ttggaaattt	5940
tggaaaagaa	ccttactttg	gggggggaaa	catatggggc	caccttcctt	acaaaattta	6000
aaggttttag	gg					6012

<210> 7605

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (198)...(514)

<223> similar to gi3714150 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters







<210> 7608  
 <211> 1329  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (60)...(576)  
 <223> similar to gil142716 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7608  
 ccctggtccg cgggcgagct cgagcagcca accccggggcg cgtcgggggcc atggacggcc 60  
 tgaggcagcg cgtgggagcac ttcttgagc aaaggaacct ggtaaccgaa gtgctggggg 120  
 cgctggaggc caagaccggg gtggagaagc ggtatctggc tgcaggagcc gtcactctgc 180  
 taagcctgta tctgctgttc ggctacggag cgtctctgct gtgcaatctc atcggatttg 240  
 tgtaccccg atatgcctca atcaaagcta tcgagagccc aagcaaggac gacgacactg 300  
 tgtggctcac ctactgggtg gtgtacgccc tgtttgggct ggccgagttc ttcagcgatc 360  
 tactcctgtc ctggttccct ttctactacg tgggcaagtg cgccttcctg ttgttctgca 420  
 tggctcccag gccctggaac ggggctctca tgctgtatca gcgcgtcgtg cgtccgctgt 480  
 tcctaaggca ccacggggcc gtagacagaa tcatgaacga cctcagcggg cgagccctgg 540  
 acgcggcggc cggaataacc aggaacgtca agccaagcca gaccccgag ccgaaggaca 600  
 agtgaagcag ccccttgagc ctcaacaagga cctcctggct ggtgaggagg gggccgcgcc 660  
 aggtcccag gccctccacag agtcttcagc gcatccccca acagcagccc ctgccagtcc 720  
 ctcggtcca ggcaaggccc tgggggtctc cttaaagtcc acctcgggca agtcccagtc 780  
 ccagtctcg gccacccccca gctctggatc ccagggccag ctgccctctg gctctggctg 840  
 tggctcccgc ctgtccggca gggccaggc ccagcgtcgg gcacagggca gctcccactg 900  
 gtctcggcaa cacaccagc cgcctggtac ttctccagc ccctcccagt cagccctccc 960  
 gtctcgggg cccctgcagc caccacacgt cactccagc ccggtctcac ccatggtcca 1020  
 gtctcccagc agcagcaaca tccccagcag cccccagca agtcctctgg caagccggag 1080  
 gacgcaaccc ccaagaccag cggacagcgc cagaaggaat cgtcgaaaca gcctgccagc 1140  
 agcgcctcag tgcccagagc ggtcccctgc cattccggga cctctctgga gtacacttcg 1200  
 gagtccacca ccgagatcac ctgcagctgg ccacaccaca ggcccccggt cctgcagcac 1260  
 tactggtgcc tgaaacacct ggcctgctag gaggtccaa taaagctaac ccggaccaga 1320  
 aaaaaaaaaa 1329

<210> 7609  
 <211> 4586  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (915)...(3680)  
 <223> similar to gi5834564 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7609

gcgcccggggc	ggagaaaatgt	tttgtaaactt	tactggcctg	cttcctgggcc	aagcagcaga	60
acaaatacaa	atatgaagag	tgcaaagacc	tcataaaatc	tatgctgagg	aatgagctac	120
agttcaagga	ggagaagctt	gcagagcagc	tgaagcaagc	tgaggagctc	aggcaatata	180
aagtcctggt	tactctcag	gaacgagagc	tgacccagtt	aagggagaa	ttacgggaag	240
ggagagatgc	ctcccgtca	ttgaatgagc	atctccaggc	cctcctcact	ccggatgagc	300
cggacaagtc	ccaggggcag	gacctccaag	aacagctggc	tgaggggtgt	agactggcac	360
agcaccttgt	ccaaaagctc	agcccagaaa	atgataacga	tgacgatgaa	gatgttcaag	420
ttgaggtggc	tgagaaaagt	cagaaatcgt	cttccccag	ggagatgcag	aaggctgaag	480
aaaaggaagt	ccctgaggac	tactggagg	aatgtgccat	cacttggtca	aatagccatg	540
gcccttgtga	ctccaaccag	cctcacaaga	acatcaaaat	cacatttgag	gaagacgaag	600
tcaactcaac	tctggttgta	gacagagaat	cctctcatga	tgaatgtcag	gatgctctaa	660
acattctccc	agtccctggc	cccacctctt	ctgccacaaa	cgtcagcatg	gtggtatcag	720
ccggcccttt	gtccggcgag	aaggcagcga	taaacattct	agaaatcaat	gagaaattgc	780
gccccagct	ggcagagaag	aaacagcagt	tcagaaacct	caaagagaaa	tgttttctaa	840
ctcaactggc	ctgcttcctg	gccaaaccagc	agaacaaata	caaatatgaa	gagtgcгааг	900
acctcataaaa	atztatgctg	aggaatgagc	gacagttcaa	ggaggagaa	cttcagagc	960
agctcaagca	agctgaggag	ctcaggcaat	ataaagtcct	ggttcactct	caggaacgag	1020
agctgaccca	gttaagggag	aagttacggg	aaggggagaga	tgccctccgc	tcattgaatg	1080
agcatctcca	ggccctcctc	actccggatg	agccggacaa	gtcccagggg	caggacctcc	1140
aagaacagct	ggctgagggg	tgtagactgg	cacagcacct	tgtccaaaag	ctcagcccag	1200
aaaatgacaa	cgatgacgat	gaagatgttc	aagttgaggt	ggctgagaaa	gtgcagaaat	1260
cgtctgcccc	caggagatg	ccgaaggctg	aagaaaagga	agtccttgag	gactcactgg	1320
aggaatgtgc	catcacttgt	tcaaatagcc	atggccctta	tgactccaac	cagccacata	1380
ggaaaaccaa	aatcacattt	gaggaagaca	aagtcgactc	aaactctcatt	ggctcatcct	1440
ctcatgttga	atgggaggat	gctgtacaca	ttattccaga	aaatgaaagt	gatgatagg	1500
aagaggaaga	aaaaggacca	gtgtctccca	ggaatctgca	ggagtctgaa	gaggaggaag	1560
tccccagga	gtcctgggat	gaaggttatt	cgactctctc	aatcctcct	gaaatgttgg	1620
cctcgtacaa	gtcttacagc	agcacatttc	actcattaga	ggaacagcaa	gtctgcatgg	1680
ctgttgacat	aggcagacat	cggtgggatc	aagtgaaaaa	ggaggaccac	gaggcaacag	1740
gtcccaggct	cagcagagag	ctgctggatg	agaaagggcc	tgaagtcttg	caggactcac	1800
tggatagatg	ttattcaact	ccttcagggt	gtcttgaaact	gactgactca	tgccagccct	1860
acagaagtgc	cttttacgta	ttggagcaac	agcgtgttgg	cttggctgtt	aacatggatg	1920
aaattgaaaa	gtaccaagaa	gtggaagaag	accaagaccc	atcatgcccc	aggctcagca	1980
gggagctgct	ggatgagaaa	gagcctgaag	tcttgacagga	ctcactgggt	agatgttatt	2040
cgactccttc	aggttatctt	gaactgcctg	acttaggcca	gccctacagc	agtgtctgtt	2100
actcattgga	ggaacagtac	cttggcttgg	ctcttgacgt	ggacagaatt	aaaaaggacc	2160
aagaagagga	agaagacca	ggcccacat	gccccaggct	cagcagggag	ctgctggagg	2220
tagtagagcc	tgaagtcttg	caggactcac	tggatagatg	ttattcaact	ccttccagtt	2280
gtcttgaaca	gcctgactcc	tgccagccct	atggaagttc	cttttatgca	ttggaggaaa	2340
agcatgttgg	cttttctctt	gacgtgggag	aaattgaaaa	gaaggggaag	gggaagaaa	2400
gaaggggaag	aagatcaaag	aaggaaagaa	gaaggggaag	aaaagaaggg	gaagaagatc	2460
aaaaccacc	atgccccagg	ctcagcaggg	agctgctgga	tgagaaaggg	cctgaagtct	2520
tgaggactc	actggataga	tgttattcaa	ctccttcagg	ttgtcttgaa	ctgactgact	2580
catgccagcc	ctacagaagt	gcctttttaca	tattggagca	acagcgtgtt	ggcttggtctg	2640
ttgacatgga	tgaaattgaa	aagtaccaag	aagtggaaga	agaccaagac	ccatcatgcc	2700
ccaggctcag	cggggagctg	ttggatgaga	aagagcctga	agtcttgacg	gagtcaactgg	2760
atagatgcta	ttcaactcct	tcagggtgtc	ttgaactgac	tgactcatgc	cagccctaca	2820
gaagtgcctt	ttacatattg	gagcaacagc	gtgtttggctt	ggctgttgac	atggatgaaa	2880
ttgaaaagta	ccaagaagtg	gaagaagacc	aagacccatc	atgccccagg	ctcagcaggg	2940
agctgctgga	tgagaaagag	cctgaagtct	tgaggactc	actgggtaga	tgttattcga	3000
ctccttcagg	ttatcttgaa	ctgcctgact	taggccagcc	ctacagcagt	gctgtttact	3060
cattggagga	acagtacctt	ggcttggctc	ttgacgtgga	cagaattaaa	aaggaccaag	3120
aagaggaaga	agaccaaggc	ccaccatgcc	ccaggctcag	caggagctg	ctggaggtag	3180

tagagcctga	agtcttgcag	gactcactgg	atagatgtta	ttcaactcct	tccagttgtc	3240
ttgaacagcc	tgactcctgc	cagccctatg	gaagttcctt	ttatgcattg	gaggaaaaac	3300
atgttggctt	ttctcttgac	gtgggagaaa	ttgaaaagaa	ggggaagggg	aagaaaagaa	3360
ggggaagaag	atcaaagaag	gaaagaagaa	ggggaagaaa	agaaggggaa	gaagatcaaa	3420
accacccatg	ccccaggctc	aacagcatgc	tgatggaagt	ggaagagcct	gaagtcttgc	3480
aggactcact	ggatatatgt	tattcgactc	cgtcaatgta	ctttgaacta	cctgactcat	3540
tccagcacta	cagaagtgtg	ttttactcat	ttgaggaaga	gcatatcagc	ttcgcccttt	3600
acgtggacaa	taggtttttt	actttgacgg	tgacaagtct	ccacctggtg	ttccagatgg	3660
gagtcataat	cccacaataa	gcagccctta	ctaagccgag	aggtgtcatt	cctgcaggca	3720
ggacctatag	gcacgtgaag	atgttgatga	aagtacagtt	ccatttggaa	gcccagacat	3780
aggatgggtc	agtgggcatg	gctctattcc	tattctcaaa	ccatgccagt	ggcaacctgt	3840
gctcagtcctg	aagacaatgg	acccacgtta	ggtgtgacac	gttcacataa	ctgtgcagca	3900
catgccggga	gtgatcagtc	agacatttta	atttgaacca	cgtatctctg	ggtagctaca	3960
aaattcctca	gggatgtcat	tttgcaggca	tgtctctgag	cttctataacc	tgctcaagggt	4020
cattgtcatc	tttgtgttta	gctcatccaa	aggtgttacc	ctggtttcaa	tgaacctaac	4080
ctcattcttt	gtgtcttcag	tgttggcctg	ttttagctga	tccatctgta	acacaggagg	4140
gatccttggc	tgaggattgt	atttcagaac	caccaactgc	tcttgacaat	tgtaaacccg	4200
ctaggctcct	ttggtttagag	aagccacagt	ccttcagcct	ccaattggtg	tcagtactta	4260
ggaagaccac	agctagatgg	acaaacagca	ttgggaggcc	ttagccctgc	tcctctcaat	4320
tccatcctgt	agagaacagg	agtcaggagc	cgctggcagg	agacagcatg	tcaccagga	4380
ctctgccggt	gcagaatatg	agcaatgcca	tgttcttgca	gaaaacgctt	aacctgagtt	4440
tcataggagg	taatcaccag	acaactgcag	aatgtagaac	actgagcagg	acaactgacc	4500
tgtctccttc	acatagtcca	tatcaccaca	aatcacacaa	caaaaaggag	aagagatatt	4560
ttcggttgaa	aaaaagtaaa	aagata				4586

<210> 7610

<211> 2321

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (52)...(1398)

<223> similar to gi4467809 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7610

tagaagcagg	caagttgggt	aacggctctc	ggcaaagttc	gagaagtgcc	tatggccatg	60
agtgagctgg	gcactcggaa	gcccagcgat	ggcactgttt	ctcatctgct	caatgtgggtg	120
gagagtgagc	ttcaggcagg	gagggaaaaa	ggcgacccta	cggagaagca	acttcagatc	180
atcctggagg	atgcacctct	ctggcagaga	ttcaaggaag	tactaatga	gatgattgtg	240
accaagaatg	gcagacggat	gtttccagtc	ctaaagatta	gtgtcacagg	gttggacccc	300
aatgccatgt	actccctcct	gctggacttt	gtccctacgg	acagtcaccg	ctggaagtac	360
gtcaacgggg	aatgggtgcc	cgctggcaag	ccagaggtct	ccagccacag	ctgcgtctac	420
attcaccggg	actcccccaa	ctttggggcc	cactggatga	aagctcccat	ctccttcagc	480
aaagtgaagc	tgaccaacaa	gctcaatgga	ggcgggcaga	taatgttgaa	ttctctgcat	540
aaatatgaac	cccagggttc	catagtgcgt	gttgggaagt	cccacgaat	ggtaacaaac	600
tgctccttcc	ctgaaaccca	gttcatagcc	gtgactgcct	atcagaatga	ggagataacg	660
gctctcaaaa	tcaagtacaa	tccttttgcc	aaagccttct	tggtatgcaa	ggaaagaaat	720
cacctaagag	acgtaccgga	ggctatctct	gagagccagc	atgtgaccta	ttctcacttg	780

```

ggaggctgga tcttttccaa tccagatgga gtgtgcacag caggaaactc caattaccag 840
tatgccgctc ctctgcctct gcctgctccc cacacccacc atggctgtga gcactattcg 900
ggtctccgag gacaccggca ggctccctac ctttctgcgt acatgcacag aaaccattct 960
ccctcagtga atttgataga aagctcaagc aataatctgc aagttttctc gggacctgac 1020
agctggactt ctttatcctc cacaccccat gccagcatcc tgtctgtacc ccacaccaac 1080
ggaccaatca atccagggcc cagcccctac ccgtgcctgt ggaccatcag caatggtgcc 1140
ggaggcccca gtgggccagg cccggagggtg cacgccagca cccagggagc atttctcctc 1200
ggaaacccag ctgtgacttc acccccttct gtgctctcca cccaagcacc cacttcggct 1260
ggtgtggagg ttctggggga gccctcgcta accagcattg ctgtgtccac ctggacagca 1320
gtggcctcgc atcccttcgc gggctggggg ggccaggag cgggtgggca ccattctcct 1380
tcctcactgg atggttaagc aggatcctag gagcctcttt gcacagcgat ccttccatgt 1440
gtagagtgtc tagaaacccc atcaactgat ctagtgaatc agactgtgga atctcccttc 1500
ccactagctg gaggtggagg tgggttatta cagaagtcac actgggagag ggttcagttt 1560
ggatgatgct agttagatca tttgcatctc tccaccattt tcttctgcac tcccattttc 1620
tctgcagctt attcttgcca tgcttaggtg acagaagttt gttaagtacc atccttgtgc 1680
cctgcctctt attctcaa atcgcttgga agcctcactt ctttttctgt ggagaagggtg 1740
caaagctgtt aaatgagctc agagtttacc tagctaaggc cactgcttcc tgctttgtga 1800
agcctggaaa gtatgtgtgg ccacagggct caggttcaca cttctgcttt gagaccagga 1860
tggggtgtaa gccatagagt aagggttaaca aaaagaataa agctaatacat gtattacaaa 1920
cagcagtgtg cccagacttg tggaaatgaa gtcattgtcac tcctctgctc agaaaccttc 1980
aatggttcac cattaccagt ggaatgaagt caattctcct cactataact ggggtgtggt 2040
agtttaagcc tataatctca gcccttttgg aggccaaagg aagaggatcg cttgagggtca 2100
ggagttcgag accagcttgt gcaacaaagt gagagcctgt ctctacaaaa aatagtcattg 2160
cacacaaaat tagctgggca tgggtggcctg tgcctatagt cccaactact tagaggagga 2220
tcgcttgatc tcaggagggt gaggtgcag tgaattatga ttgtggcatt gcactccagc 2280
ctgggtggta gatcaaggct ttgtttcatt tgaaaaaaaaa g 2321

```

```

<210> 7611
<211> 2276
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (134)...(2179)
<223> similar to gil780991 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7611
cagcccggcc tacagtgcgg acacaggaca gaggggagcc aggttcctttg cactgaccaa 60
tgctgagagc agaccctcgg agcagccggg ttggaagtgt ctctccacag tcaccagaca 120
gatccaggat aggatgggca gccagtgca ccgagtgtca ttgggggata cctggagcag 180
gcaaatgcac cccgacatag agagcgagag gtatatgcag tcctttgacg tggaacggct 240
caccaacatc cttgatggag gtgcccagaa cactgcactc cgcaggaaag ttgagagcat 300
catccacagt taccggagt ttagctgtaa ggacaattat ttcatgaccc agaatgagcg 360
ttataaggct gccatgcgga gggcattcca catccggttg atagctcggc gcctggggtg 420
gttagaagat ggtcgtgaat taggctacgc ttacagagcc ctttctggag acgtggcctt 480
aaatatacac agagtcttcg tgagagccct caggagcctg ggctcagagg agcagattgc 540
caaatgggac ccactctgca aaaacatcca gatcatcgca acgtatgcac agacagagtt 600
gggacatggg acatatcttc agggcctgga gactgaagcc acctatgacg cagccacca 660

```

```

ggagtttgtg atacacagcc ccacgctgac tgccaccaaa tgggtggcctg gagacttggg 720
acgggtcagcc acccatgccc tgggtccaggc ccagctgatc tgctcaggag ccaggcgggg 780
catgcacgct tttattgtgc caatccggag tcttcaggac cacacccac tgccaggaat 840
catcattggg gacatcggac ccaagatgga ctttgatcaa acagacaatg gcttcctgca 900
gctgaaccat gtgcggtgcc ccaggagaaa catgctgagt cgctttgcac aggtcttgcc 960
agatggcacc tacgtcaaac tcggtacagc acagagcaac taccttccca tgggtgggtgg 1020
gcgggtggag ctgctgtcag gggagatcct ccctatactg cagaaggcct gtgtcatcgc 1080
catgcgctac tcggtcatcc gccgccaatc ccggctccgg ccagtgacc cagaggcaaa 1140
ggtcctggac taccagacac aacagcagaa actctttcct cagctggcca tcagttatgc 1200
cttccatttc ctggcagtca gcctcttgga gttcttccag cactcctaca ctgccattct 1260
gaaccaagac ttcagcttcc tgccctgagc ccacgcactg agcacgggca tgaaggccat 1320
gatgtcagaa ttctgcaccc agggagctga gatgtgccgc agggcctgtg gcggacatgg 1380
ctactcaaag ctgagtggcc tgccatcact ggtcaccaaa ttgtcggcct cctgtacct 1440
cgagggtgag aacacagtgc tctacctgca ggtggccagg ttctgtgtga agagctacct 1500
gcagactcag atgtccctg gctccacgcc acagagatct ctctctccat ctgtcgcata 1560
tctcaccgca cctgacctgg ccagggtgcc agccagagg gcagccgact tcctctgccc 1620
ggagctctac accacggcct gggcacatgt ggcagtaagg ctcataaagg actcagtgc 1680
gcatttacag accctgacgc aatccggagc tgaccagcac gaggcttggg accagaccac 1740
tgtcatcac ctccaggctg ctaagggtga ctgctactat gtcactgtga agggttttac 1800
agaagctctg gagaaactag aaaatgaacc agcgattcag cagggtgctca agcgctctg 1860
tgacctccat gccatacatg gaatcttgac taactcgggt gactttctcc atgacgcctt 1920
cctgtctggt gcccaagtgg acatggcaag aacagcctac ctggacctgc tccgcctgat 1980
ccggaaggat gccatcctgt taactgatgc ttttgacttc accgatcagt gtttaaattc 2040
agcacttggc tggtatgatg gaaacgtcta cgaacgcctg ttccagtggg ctcaagaagtc 2100
accaaccaat actcaggaga accctgccta tgagggaatat ataagaccac ttttacaaag 2160
ttggagatcc aagctatgaa ataaccaaca gtattcaaga agcaaccagc accatcatgt 2220
gataatggta ctatggcata tatgcaacat taaaatttta aattagaaaa aaaaaa 2276

```

```

<210> 7612
<211> 1727
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (61)...(414)
<223> similar to gi208157 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7612
gcgggacccg cgaggagtcg cgccgaggac ggaggccacg atacctgcgt ggctggggct 60
gcgggctccg ggggtaccac cctgggagc cggagggtgg cgctccgcc ggccgcagct 120
ggagaggagc gtgtcccaa gccgggggag caggacttga gcaggcacgc ggggtcaccg 180
ccgggcagcg tggaggagcc atctcctgga ggagaaaact cacctggtgg cgagggtcc 240
ccttgtttgt cctcccgag cctggcgtgg ggttcttctg cgggaagaga gagtgcgcgc 300
ggagatagca gtgtggaac gcgcgaggag tcggagggca cgggcggcca gcgctcagcc 360
tgcgccatgg gtggtcccgg gaccaagagc ggggagcctt tgtgtcctcc gttactgtgt 420
aatcaggaca aagaaacctt gactctgctc attcagggtgc ctcgatcca gccgcaaagt 480
ctcaaggag atttgaatcc cctctggtac aaattacgt tctccgcaca agacttagtt 540
tattccttct ttttgcaatt tgctccagag aataaattga gtaccacaga acctgtgatt 600

```

```

agcatttctt caaacaatgc agtgatagaa ctggcaaaat ctccagagag ccatggacat 660
tggagagagt ggtattatgg tgtaaacaac gattcttttg aggaaagggt atttgtcaat 720
gaagaaaatg ttaatgagtt tcttgaagag gtcctgagct ctccattcaa acagtctatg 780
tccttgaccc caccattaat tgaagttctt caagttactg ataataagat tcaaattaat 840
gcaaagttgc aagaatgtag taactctgat cagctacaag gaaaggagga aagagtaaata 900
gaagaaagtc atctaactga aaaggaatat atagaacatt gtaacacccc tacaactgat 960
tctgattcat ctatagcagt taaagcacta caaatagata gctttggttt agttacatgc 1020
tttcaacaag agtctcttga tgtttctcaa atgatacttg gaaaatctca gcaacctgag 1080
tcaaaaatgc aatctgaatt tataaaagaa aaaagtgcct cttgttcaaa tgaggaaaaa 1140
ggtaacttaa acgagtcagt aataactgaa gagaaagaaa cagatggaga tcacctatct 1200
tcattactga acaaaactac ggttcacaat atacctgat tgaccaattg tgcattcagt 1260
aatatgcagg atggtagtgt gcaggtcatt aaagatcatg tgaccaattg tgcattcagt 1320
tttcagaatt ctttgcata tgatttggat taattctata taattttgga cttttaata 1380
ttaaggttaa aaaatacctg tatctaaaat tgattctgtt aactgttgtc ttaaaaactaa 1440
aggtattaaa gtataaaatt aaaatttgca atttttttta aaaaattgca attttgattc 1500
tcatggggga aattggagaa aatttttttt tttttgcctc tggagttaa agtttcctta 1560
tggagataag ttttgtgatt cctgtaatat atgggtatgt tttctatttg agagttaaaa 1620
catttgagag ttaaaacatt tagttttaat acaacctatg tatatatact tctgtgttaa 1680
tttttgcttt gtcattaata aaatttaaaa atattcaaaa aaaaaag 1727

```

```

<210> 7613
<211> 1357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1241)...(379)
<223> similar to gi3218411 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7613
tttttttttt ttaacattta tataccaagt ttattgagac ctctgagac ttaaaccctg 60
tagaaaacag atgaatcaaa cccaggcccc attctcggga agctcacagt gtgaaaatag 120
gtaactacaa aaacacagcc aataagtgct ttgaaacaag gaagaacata aaaaagatgt 180
agtgttcgaa aacctggaat caaaaactaa ccgcggagaa aggtaggagg atgttctaga 240
ctcccagaga agagctgggg aacatccaga aaggtctctt ctgccgacac agccacatcc 300
cctaggtctc tggagttcac tgcaggctgg cccattgcag ggaggtgtag accaccttac 360
catcaggctg cggagaacag aggagcaggg tctttctgac gctggttcca aggcgcccag 420
cagcaaccag gtcttgaggt gggatggtgt cctcgggggc ccagcactga gcgatataat 480
gggcgtggaa gcgagggggg tcaccaggat agaccaggaa gtcacctccg aacttgccag 540
ccgcaactgag gaagaagcct cgctcccaca ggtctctgta gatactgtag cgcagctcgt 600
gggcagggcg gccggcgtgg ggccagtctt tagactggac acgccagtcc aggggcctgg 660
ccttgaccgg tcgaggcctg gcagtggcca gctggacaag gagagcagat ctgggcaagg 720
gggctacccc atttgagggt cctgcttggg aagacgaggg gccagcttcc tcctgctctc 780
ccgaagcctg gccatcactg gtctcatcct ctttggcagc ctggctcgag ccggcctcct 840
ggcttgagct ggcccctgaa gcctgttcta gtttctgctt cttagcagcc tggccctccg 900
taatcttctc caggagctcc tgacgacggg tctcccgggc ctgagctgcc aaggcgtctc 960
gctcctggaa gctctcctct tgctggcgct tgaaggatgt cagggccagg ctgtggtgcc 1020
gagagtctgg acgcggggcg ctgaccagag tcacggcgcc gatctcggcc aagagccgcg 1080

```



cctcttcggg	catcagcagc	agcgggaggc	ccaggcgcca	gttctggcgg	ggccccgggg	1140
gcagggcgcc	taccgtgcgg	ccccccacac	ccaggcgctc	ccggaggggc	tgcaccgcct	1200
cggtcccca	caccaggag	cggccgttcg	ccacctccac	caccagcatc	ctcccccaatt	1260
gggagcgctc	agtccgcctc	cttgccctcc	ttcagaatgt	cccactgtcc	accgatagaa	1320
ccagcgagtc	acctcataaa	cagtaattcg	cagtcga			1357

<210> 7614  
 <211> 2003  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (186)...(1205)  
 <223> similar to gi5410282 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7614						
cacggggcgc	agcggcagtg	acgtagggtt	ggcgcacgga	tccgttgccg	ctgcagctct	60
gcagtcgggc	cgttccttcg	ccgcgcgcag	gggtagcggg	gtagctgcgc	agcgtcgcgc	120
gcgctaccgc	accaggttc	ggcccgtagg	cgtctggcag	ccggcgcca	tcttcacga	180
gcgccatggc	cgcagcctgc	gggcccggag	cggccgggta	ctgcttgctc	ctcggcttgc	240
atttgtttct	gctgaccgcg	ggccctgccc	tgggctggaa	cgaccctgac	agaatgttgc	300
tgcgggatgt	aaaagctctt	accctccact	atgaccgcta	taccacctcc	cgcaggctgg	360
atcccatccc	acagttgaaa	tgtgttggag	gcacagctgg	ttgtgattct	tataccccaa	420
aagtcataca	gtgtcagaac	aaaggctggg	atgggtatga	tgtacagtgg	gaatgtaaga	480
cggacttaga	tattgcatac	aaatttggaa	aaactgtggt	gagctgtgaa	ggctatgagt	540
cctctgaaga	ccagtatgta	ctaagagggt	cttgtggctt	ggagtataat	ttagattata	600
cagaacttgg	cctgcagaaa	ctgaaggagt	ctggaaagca	gcacggcttt	gcctctttct	660
ctgattatta	ttataagtgg	tcctcggcgg	attcctgtaa	catgagtgga	ttgattacca	720
tcgtggtact	ccttgggata	gcctttgtag	tctataagct	gttcctgagt	gacgggcagt	780
attctcctcc	accgtactct	gagtatcctc	cattttccca	ccgttaccag	agattcacca	840
actcagcagg	acctcctccc	ccaggcttta	agtctgagtt	cacaggacca	cagaatactg	900
gccatggtgc	aacttctggt	tttggcagtg	cttttacagg	acaacaagga	tatgaaaatt	960
caggaccagg	gttctggaca	ggcttgggaa	ctggtggaat	actaggatat	ttgtttggca	1020
gcaatagagc	ggcaacaccc	ttctcagact	cgtggtacta	cccgctctat	cctccctcct	1080
acctggcac	gtggaatagg	gcttactcac	cccttcattg	aggctcgggc	agctattcgg	1140
tatgttcaaa	ctcagacacg	aaaaccagaa	ctgcatcagg	atatggtggg	accaggagac	1200
gataaagtag	aaagttaggag	tcaaacactg	gatgcagaaa	ttttggattt	ttcatcactt	1260
tctctttaga	aaaaaagtac	tacctgttaa	caattgggaa	aaggggatat	tcaaaagttc	1320
tgtggtgtta	tgtccagtg	agctttttgt	attctattat	ttgaggctaa	aagttgatgt	1380
gtgacaaaat	acttatgtgt	tgtatgtcag	tgtaacatgc	agatgtatat	tgcagttttt	1440
gaaagtgate	attactgtgg	aatgctaaaa	atacattaat	ttctaaaacc	tgtgatgcc	1500
taagaagcat	taagaatgaa	ggtgttgtac	taatagaaac	taagtacaga	aaatttcagt	1560
tttaggtggt	tgtagctgat	gagttattac	ctcatagaga	ctataatatt	ctatttggtg	1620
ttatattatt	tgatgtttgc	tgttottcaa	acatttaaat	caagctttgg	actaattatg	1680
ctaatttgtg	agttctgata	acttttgagc	tctgaagctt	tgaatcattc	agtgggtggg	1740
atggccttct	ggttaactgaa	tattaccttc	tgtaggaaaa	ggtggaaaaa	aagcatctag	1800
aagggtgttg	tgaatgactc	tgtgctggca	aaaatgcttg	aaacctctat	atttcttttcg	1860
ttcataagag	gtaaagggtca	aatttttcaa	caaaagtctt	ttaataacaa	aagcatgcag	1920

```

ttctctgtga aatctcaaat attgttgtaa tagtctgttt caatcttaaa aagaatcaat 1980
aaaaacaaac aaggggaaaa aaa 2003

```

```

<210> 7615
<211> 1328
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (925)...(473)
<223> similar to gi913246 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7615
ggtagccaca tggcaaatgc atgtcaaagc actttgaaaa cagaaaatcc tattcaaatg 60
ataggtatta tttagaaagc tggctttata aatgcatgtt tttggcagct tcaattaaag 120
ttaggatcct cctaagagaa attatcattg taccttcttt tgtgaagtca aagccttcaa 180
gacagtactc aaaattcaat aaataggttt tactatgtag atgaacaaag ctttaaagtg 240
aataaggaca gcagtgaagg gcaagtcaag gatagatact tcacaagcca actgaatgaa 300
gaccatggat tcgttagctc tgagccgttt aacatttcat attatactta gcaggaatgt 360
atgacaatat tactttgatt ttttgctggt cccgcttaat tactgcatcc agttgcttcc 420
ttttttcatt ttcttcttgt agttttcttt gtagctgtat cttttgatat ttcattgtgat 480
ctacactctg ctctagtcca ttagcacggt tctcattttg gattgacagt gatgccagtt 540
tcttactatc ttgttgcttc ttctgtaaga cctgaactct cagctttgca gcatccacct 600
ttttacgaaa ctctttctgt aattttacct tcattgcaac atcagaaaga tctttgtttt 660
ccagctcctg tagctgcttt tgtgtttcag ttagttcgac ttttgctgt tctgcatcat 720
gctctagctt tgttactttc aaagtatact gcttgcttac agacttggca tcgttacctg 780
tttttattaa ttctttaatc agatcttcct tcatcttgat gttactgta agttctctca 840
ttttttgttt ggcttcagta agtatgcgtt ctgaattctt taatttttgc aaattcaatt 900
cttgactctc ctggagacaa tcaatcttta aatcttcatt ctccgaatct gacttttgtg 960
tttcatcctg agtatcactc aattcaacaa gggaacagag tctggcttct gaatccatga 1020
acgacttcta catctagttc cagattttctc ttggccttct gattcttcat catcactgtt 1080
atcagaaaaat tggcagtgga ggacctcatc tcgttcttct acgtgatcca acagcatctg 1140
actttgtgtt cgaaatccag caaatattcg atccagagag tacataggcg gacttgtgtg 1200
gaccttgcaa gtgattcccc ctctggaat cttgtcttga tgggatataa atataatgcc 1260
ccaaatgagt atcaaatggt acagtatatg gtctcttttc agggatcctg gcatatggcc 1320
cgtctcca 1328

```

```

<210> 7616
<211> 1297
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (98)...(834)  
 <223> similar to gi50229 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7616

tcagacaccg	tgtcctcttg	cctgggagag	gggaagcaga	tctgaggaca	tctctgtgcc	60
agggcagaaa	ccgcccacct	gcagttcctt	ctccgggatg	gacgtggggc	ccagctccct	120
gccccacctt	gggctgaagc	tgctgctgct	cctgctgctg	ctgcccctca	ggggccaagc	180
caacacaggc	tgctacggga	tcccagggat	gcccggcctg	cccggggcac	caggggaagg	240
tgggtacgac	ggactgccgg	ggcccaagg	ggagccagga	atcccagcca	ttcccgggat	300
ccgaggaccc	aaagggcaga	agggagaacc	cggcttacct	ggccatcctg	ggaaaaatgg	360
ccccatggga	ccccctggga	tgccaggggg	gcccggcccc	atgggcatcc	ctggagagcc	420
aggtgaggag	ggcagatata	agcagaaatt	ccagtcagtg	ttcacggtca	ctcggcagac	480
ccaccagccc	cctgcaccca	acagcctgat	cagattcaac	gcggtcctca	ccaacccgca	540
gggagattat	gacacgagca	ctggcaagtt	cacctgcaaa	gtccccggcc	tctactactt	600
tgtctaccac	gcgtgcata	cagccaacct	gtgctgctg	ctgtaccgca	gcggcggtcaa	660
agtggtcacc	ttctgtggcc	acacgtccaa	aaccaatcag	gtcaactcgg	gcggtgtgct	720
gctgagggtt	cagggtggcg	aggaggtgtg	gctggctgtc	aatgactact	acgacatggt	780
gggcatccag	ggctctgaca	gcgtcttctc	cggcttctct	ctcttccccg	actagggcgg	840
gcagatgcgc	tcgagcccca	cgggccttcc	acctccctca	gcttctctga	tggacccacc	900
ttactggcca	gtctgcatcc	ttgcctagac	cattctcccc	accagatgga	cttctcctcc	960
agggagccca	ccctgaccca	ccccactgc	acccccctcc	catgggttct	ctccttctct	1020
tgaacttctt	taggagtcac	tgcttgtgtg	gttctctgga	cacttaacca	atgccttctg	1080
gtactgcat	tctttttttt	ttttttcaaa	gattgggagg	ggggggggaa	atatataaat	1140
aaatcatgaa	atcaaatgcc	acccggccg	aaattccaaa	atttataaat	cgaaaaccct	1200
gaaaaccccc	aaagagtact	cttaaatggg	gcaaggggcc	ccatgtaatt	tcttttcttt	1260
aaaacagggt	tgggcctttt	tttataaaac	tatcccc			1297

<210> 7617

<211> 940

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (820)...(282)

<223> similar to gil872491 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7617

tttttttttt	ttgcaaagac	cacagtgcct	tactttttgt	cttagcagag	gagataactt	60
gagggacagc	cccgaaggcg	ccaggtagcc	ttcagggggc	ggcaggggtg	ggggaggtag	120
gagactcgga	ccggcagccc	tggtctcagc	ttcatcatct	gtgtcttccc	tctctggcca	180
ggctcttcga	ggggatgcag	gaggctgggc	acggtgagct	ggcagggggc	ttggtcttcg	240
ggtgcccagc	aggttgctag	ctcctgtttc	tgatggactc	acctgcaatg	attccggcat	300
aaccgggaca	gctgcctgca	cttgccactg	gtgaggatga	tgatgcctgt	gatgaacagc	360
acagctgcga	ccaacagccc	ccgtttccgg	agggtgtggt	catcatagaa	gaaggggtca	420

tctcatgaa	aaccagatgg	cttgagggtc	tgggggtctg	tctggacgtc	tgtgcttggg	480
gatggtctct	cagagagcgt	cgtggtgtca	tcagtgggat	gagctgcttt	ggtgctcttg	540
tgtgtctctg	gatctgtcac	tagaggccca	tccgttcctt	ccagttgctg	ggtctgggtc	600
tggggttgtg	gtgtttcatc	agcaggccag	gttgggggtt	gagagggtgg	ctggagttct	660
gtgtagactg	catctggggc	tcgtgtcggg	acctgaatgt	ccatgatagt	tgcgtctgct	720
gaagaactgg	acgtggtatc	tttcaacgtc	tgtcctctgg	tggggagaa	caggccaacg	780
atggtgagaa	gacacaggcg	accagagggc	gacatctgag	cccggcccgt	gggcagaggg	840
gcagcggatg	gaggtggcgc	gcgagaggga	cttacgtcgg	agctgggggt	cctaagcccg	900
cagcctcgtg	gagagagggg	cgcggcgggt	gctgctgcgt			940

<210> 7618  
 <211> 1407  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (75)...(1407)  
 <223> similar to gi5689415 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7618		
cggacgcgtg	ggaaatggca ttaccaaatt ccaaatacta cactcacagc gagcaaattgg 60	
catgaccaa	gtccaaatac tacactcacc tgctggggga cagcatcaca ctgcaggatt 120	
tcaaaggttt	ccgaggaggc ctggacgtga cccacggaca gacaggggtg gaatcagtgt 180	
acacaacatt	ccgggacagg gagatcatgt ttacagtttc cacaaagctg ccattttaccg 240	
acggagacgc	ccagcagctc cagagaaaga gacacattgg aaatgacatc gtggccatca 300	
tcttccaaga	ggaaaacacg ccgtttgtcc cagacatgat agcctccaat ttcttacctg 360	
cctacatcgt	cgtgcaggtc gagaccccag gcacagagac cccatcctac aaggctctctg 420	
tactgcgcg	ggaagatgtg cccacctttg gtccacctct gccagtcoc cccgttttcc 480	
agaagggccc	ggaattcagg gagtttctgc tcaccaagct caccaatgcc gagaacgcct 540	
gctgcaagtc	ggacaagttt gcaaagctgg aggaccggac cagggtctgcc ctctggaca 600	
accttcacga	tgagctccac gccacacac aggccatgct gggactgggc ccagaggagg 660	
acaagtttga	gaatggaggc cccgggggtt tcttgagtc ttttaagagg gccatccgcg 720	
tacgcagcca	ctccatggag accatggtgg gcggccagaa gaagtcgcac agtgggggca 780	
tcctgggcag	cctcagcggg ggcatctccc acaaccagat ggaggtcacc aagaccacct 840	
tctgcctcc	agtgggtggc gcaacggtga agaaccagtc acggagtccc atcaagcgac 900	
gctcggggct	cttccccgcg ctgcacacgg gctcagaagg ccaggggcgac agccgggcac 960	
gatgtgacag	cacatccagc acacccaaga cccagatgg tggacactcc tctcaggaga 1020	
taaagtctga	gacctcatcc aatcccagct ctccggaaat ctgccccaac aaggagaagc 1080	
ccttcatgaa	gttgaaggaa aacggccgcg ccattctccg ctctctctcc agcaccagca 1140	
gcgtcagcag	cactgcaggg gagggcgagg ccatggagga gggcgacagt gggggcagcc 1200	
agccgtccac	gacctaccc ttcaagcagg aggtgtttgt ctacagcccg tccccgagca 1260	
gcgagagccc	cagcctgggg gcagctgcca cccgatcat catgagccgg agtcccacag 1320	
atgccaaaag	cagaaactcc ccgagatcga acctgaaatt ccgctttgac aagctcagcc 1380	
atgccagctc	tggtgcgggt cactaat	1407

<210> 7619  
 <211> 1329  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (104)...(926)  
 <223> similar to gi4680703 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7619  
 cgcacgggcg cgcgcagctg ttgacgcgct tcttagctgg tgcgcgccgg agcccaaatt 60  
 ccaagtggaa actgcaggcg cagcagggag gaacgcgtgg agcatgaaaa ggcagggggc 120  
 ctccctctgag cgaaaacgag cgcggatacc gtccgggaag gccggagcag caaatggatt 180  
 tctcatggaa gtttgtgttg attcagtgga atcagctgtg aatgcagaaa gaggaggtgc 240  
 tgatcggatt gaattatgtt ctggtttatc agagggggga actacacca gcatgggtgt 300  
 ccttcaagta gtgaagcaga gtgttcagat cccagttttt gtgatgattc ggccacgggg 360  
 aggtgatttt ttgtattcag atcgtgaaat tgaggtgatg aaggctgaca ttcgtcttgc 420  
 caagctttat ggtgctgatg gtttggtttt tggggcattg actgaagatg gacacattga 480  
 caaagagctg tgtatgtccc ttatggctat ttgccgccct ctgccagtca ctttccaccg 540  
 agcctttgac atggttcatg atccaatggc agctctggag accctcttaa ccttgggatt 600  
 tgaacgcgtg ttgaccagtg gatgtgacag ttcagcatta gaagggtac ccctaataaa 660  
 gcgactcatt gagcaggcaa aaggcaggat tgtggtaatg ccaggaggtg gtataacaga 720  
 cagaaatcta caaaggatcc ttgagggttc aggtgctaca gaattccact gttctgctcg 780  
 gtctactaga gactcgggaa tgaagtttcg aaattcatct gttgccatgg gaggcctact 840  
 ttcttgctca gaatattccc taaaggtaac agatgtgacc aaagtaagga ctttgaatgc 900  
 tatcgcaaag aacatcctgg tgtagccaga cctctctgag agacatggat atcacaggat 960  
 gaaggtagaa ctataatctg caattctcta tgacacagct ttaaccttct tctctggcca 1020  
 ggacagtcgc aatctttgtt ttaagtttca catggccatg gagaatgtgc ccaagaagaa 1080  
 aaagaatttg aaacagagat acagtcactt cctttgctta gtcttaccag tgattgtcat 1140  
 catggttaaa gctggtctgt gcttcttcca tagacagaag cttagtctgt tttcagtgga 1200  
 attaattgat gaactgggaa aattttaact gcatggtatg aattcagagt gtgacttaag 1260  
 ggtcaattca aagcagtatt ttgacttttc atttgtaaaa taaaaatttc cactattaca 1320  
 aaaaaaaaaa 1329

<210> 7620  
 <211> 1999  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (387)...(1741)  
 <223> similar to gi5256830 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7620

acgcaattcc	cgggttgacc	cacgcgtgcg	gcgcgcccc	gcctgcgggg	ccgcccttca	60
gggcgcgcaa	ggtgcgagtc	tgtccagccg	gcagcacc	aggccggatg	gacgcttggt	120
cctggatctg	tgccccgtga	gcgctcaacg	ccctggtgtg	ttcactgacc	atggtgcctg	180
ggctgcggcg	ccgggcgggg	cacggcgggg	cttttcggga	cctttcctgg	ggggagcctc	240
gctttccccc	cctccagcct	ccgcccggat	ggcaggcggg	cggggcccca	gtccaggcct	300
tgagaccag	aaggagcga	aggtttttgc	tgcgccaacg	cagtgaaccga	aggctccgct	360
cacgcccggc	ctgatcctgc	ctgaagatgg	tgccactggt	ggctgtggtg	tcaggggcccc	420
gtgcccagct	ctttgcctgc	ctgctcaggc	tgggcactca	gcaggtcggc	ccccttcagc	480
tgcacaccgg	ggccagccat	gcggccagga	accattatga	ggtgctggtg	ctgggtgggg	540
gcagtggcgg	aatcaccatg	gctgcccgca	tgaagaggaa	agtgggtgca	gagaatgtgg	600
ccattgttga	gcccagtgag	agacatttct	accagccaat	ctggacactg	gtgggtgctg	660
gtgccaaaca	attgtcctca	tctggtcgtc	ccacggcaag	tgtgattcca	tctggtgtag	720
aatggatcaa	agctagagtg	actgagttga	accagacaa	gaactgcatt	cacacagatg	780
acgacgagaa	gatctcctac	cgatatctta	ttattgctct	cggaatccag	ctggactatg	840
agaagattaa	aggcctacct	gaaggtttcg	ctcatcccaa	aatagggtcg	aattattcag	900
ttaagactgt	agagaagaca	tggaaagctc	tgcaggactt	caaagagggc	aatgccatct	960
tcaccttccc	aaatactcca	gtgaagtgtg	ctggagcccc	tcagaagatc	atgtacttat	1020
cagaagccta	cttcaggaag	acaggggaagc	gatccaaggc	caatatcatt	ttcaacactt	1080
ctcttgagc	catttttcggg	gttaagaagt	atgcagatgc	cctgcaggag	atcatccagg	1140
agcggaacct	cactgttaac	tacaagaaaa	acctcattga	agtccgagcc	gataaacaag	1200
aggctgtatt	tgagaacctg	gacaaaccag	gagagacca	agtgatttca	tatgaaatgc	1260
ttcatgtcac	acctccaatg	agcccaccag	atgtcctcaa	gaccagtcct	gtggctgatg	1320
ctgctggttg	ggtggatgtg	gataaagaaa	ctctgcaaca	caggaggtac	ccaaatgtgt	1380
ttgggatttg	ggactgcacc	aaccttccta	cgtcaaagac	cgctgctgca	gtagctgccc	1440
agtcagggaat	acttgatagg	acaatttctg	taattatgaa	gaatcaaaca	ccaacaaaga	1500
agtatgatgg	ctacacatca	tgtccactgg	tgaccggcta	caaccgtgtg	attcttgctg	1560
agtttgacta	caaagcagag	ccgctagaaa	ccttccccct	tgatcaaagc	aaagagcgcc	1620
tttccatgta	tctcatgaaa	gctgacctga	tgcctttcct	gtattggaat	atgatgctaa	1680
ggggttactg	gggaggacca	gcgtttctgc	gcaagttgtt	tcatctaggt	atgagttaag	1740
gatggctcag	cacttgctca	tcttgatagg	cttctggggc	aaaactgcag	tactgaatg	1800
accaagagca	gcacgaagga	cttggaaacct	atccttgtaa	agagttcctt	gatgggtaat	1860
ggtgacaaa	tgcctccctt	ttcagtacct	ttgaacagca	accatgtggg	ctactcatga	1920
tgggcttgat	tctttgggaa	taataaaatg	aaataatact	tttattttct	gaataaaagt	1980
ttgtcactga	aaaaaaaa					1999

<210> 7621

<211> 5824

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (354)...(3004)

<223> similar to gi2224699 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7621

agcgtccgcg	ggggctgcc	gggtatttcg	ggaagggggc	gtgaggaggc	ggcggcggca	60
------------	-----------	------------	------------	------------	------------	----

gcggcgggta	gggcaggcag	cagaggggaag	gagaaagaaa	ggaaggaaga	gggcgggggag	120
tcctcagagg	aggaggcggg	accggccggg	cacctcacct	ctcggcgggcg	gcggcgggcg	180
cggcggcggc	ggcggggcg	cggggagggc	gcgcgcggccc	ctgcccgcgg	tcttctcagc	240
gcagtcgggc	gcggaacccgc	tgggtcccggg	cagcggccaa	ggctactggg	gcgggagcag	300
tgggcccggtc	ggcggcgggca	gcggcagcg	cggaggagga	ggaggctgga	gtgggcgcg	360
aggcgaccgc	catggcggttc	ctcaaactcc	gtgaccagcc	atcactgggtg	caagctatat	420
ttaacggaga	tcctgatgaa	gttcgagcac	taatatTTaa	gaaagaagat	gttaactttc	480
aggacaatga	aaagcgaacc	ccattgcacg	ccgcagctta	ccttgagat	gcagaaatca	540
ttgaacttct	tattttatct	ggagctagag	ttaatgcaa	agacagcaaa	tgtttgacac	600
ctttacacag	agcagttgca	tcttgtagtg	aggaagcagt	tcaggtactt	ttgaagcatt	660
ctgcagatgt	taatgctcga	gacaaaaatt	ggcaaacccc	ttacatata	gctgctgcta	720
ataaagctgt	aaagtgtgct	gaagctttgg	tacctcttct	gagtaatgta	aacgtatctg	780
atcgagcagg	gaggactgca	ttacatcatg	cagctttcag	tggacatggg	gagatgggtca	840
aactactctt	gtctagagg	gccaatatta	atgcttttga	caagaaagat	aggcgtgcta	900
tccattgggc	agcatatatg	ggtcacattg	aagtagtgaa	attgcttgtg	tcgcatggag	960
ctgaagtgc	atgcaaggat	aaaaagtctt	atacacctct	tcagtcagca	gcctctagt	1020
gaatgatcag	cgtagtcaag	taccttctag	atcttgaggt	tgatatgaat	gaaccaaagt	1080
cctatggaaa	tacacctctt	catgtagcct	gctataatgg	acaagatgtt	gtagtgaatg	1140
aacttataga	ctgtggtgct	attgtgaatc	aaaagaatga	aaaaggattt	actcctttgc	1200
actttgctgc	tgcatcaaca	catggagcat	tgtgtttaga	gcttctagtt	ggcaatgggg	1260
ccgatgtcaa	tatgaagagt	aaagatggga	aaacccccact	acacatgact	gctctccacg	1320
gtagattctc	ccgatcaca	accattatcc	agagtggagc	tgtaatcgac	tgtgaggata	1380
agaatggaaa	tacccttttg	cacatagcag	cacggtatgg	ccatgagctg	ctgatcaaca	1440
ctcttattac	aagtgggtgct	gacactgcaa	agcgtggcat	acatggaatg	ttccccctcc	1500
atgttgccagc	cttaagcggc	ttttcagatt	gctgcagaaa	acttctttct	tcaggatttg	1560
atatagatac	cccagatgat	tttggcagga	cttgtctaca	tgagctgca	gctggaggga	1620
atgttgagtg	cttaaacctt	ctgctgaata	cctgtgcaga	ctttaataaa	aaggacaaat	1680
ttgggagatc	tccactgcac	tacgtgtgctg	ccaactgcaa	ttaccagtgc	ctggttgctc	1740
ttgtgggatc	aggagcaagt	gtgaatgacc	ttgatgaaag	aggctgcaca	cccctgact	1800
atgcagctac	atcagacaca	gatggcaagt	gcctggaata	cttattaaga	aacgatgcaa	1860
atccagggat	ccgtgataag	caaggataca	acgcagttca	ttattcagct	gcttatggtc	1920
accgtctatg	tcttcagctg	attgcaagtg	aaactcctct	agatgtttta	atggaaacct	1980
caggaaacaga	catgctgagt	gattcagata	atagagcaac	aataagccct	ttacacttgg	2040
ctgcctatca	tggtcaccat	caagcactgg	aagtgttggg	acagtctttg	ttagatcttg	2100
atgtcagaaa	tagtagtgga	agaacacccc	tagatcttgc	agcttttaag	ggccatgttg	2160
aatgtgtgga	tgtactcatt	aatcaggggag	cctcaatctt	agtaaaagat	tacattttga	2220
agaggacacc	tattcatgca	gcagcaacaa	atggtcattc	agaatgctta	cggctattaa	2280
taggaaatgc	agaaccacag	aatgcagtg	atattcaaga	tggaaatgga	cagacgcctc	2340
tgatgctatc	tgttctcaac	gggcacacag	actgtgttta	ctcattgctg	aacaaaggag	2400
caaatgtaga	tgccaaagat	aagtggggaa	ggacagcggt	gcatagagg	gcagttacag	2460
gccatgaaga	atgtgtagat	gcattacttc	aacatgggtg	taagtgttta	cttcgggata	2520
gcaggggccc	gacgcctata	cacctgtctg	ctgcctgtgg	acacattggg	gttcttgagg	2580
cccttttgca	gtcagcagca	tctatggatg	caaattccagc	caagcagac	aatcatggat	2640
atacggcact	tcactgggct	tgctacaatg	gtcacgagac	atgtgtagaa	ctgcttttag	2700
aacagggaagt	tttccagaaa	acggaaggaa	atgcttttag	tccattgcat	tgtgccgtga	2760
taaatgacaa	cgaagggtgct	gctgagatgt	taattgatac	attaggtgcc	agcattgtga	2820
acgccacaga	ttcaaaagga	agaactcctc	tccatgcagc	cgcttcaca	gacctgtag	2880
agtgtttaca	gctgctgctc	agccataatg	ctcaagtcaa	ttctgtggac	tctacaggga	2940
aaacacctct	tatgatggct	gcagaaaatg	gacaaacaaa	tacagttgtg	agttattggg	3000
aatctaagaa	acatgttcat	aaacataaga	attgatgcac	tttttccctc	cagagatgct	3060
ggtttagcagt	gctagtgcag	aactgacttt	acaagataac	agtaaaaata	ctgccctcca	3120
tttggcttgt	agcaagggtc	atgaaactag	tgccttggtta	atactggaaa	agataacaga	3180
tagaaacctc	atcaatgcaa	ccaacgcagc	cttgcaaacg	tgagtactgt	cagtatctag	3240
tataaacttt	gtgacctata	attataaaaa	tgataaatgg	atTTTTTTaa	acatgtgact	3300
attggaatag	gctttcatta	ggtcatagaa	agcaatttta	aataggtttt	acaactagtc	3360
aaaactctat	ttcgtaaaa	gatcacaact	aaaagccata	ttattttaaaa	tgcttttgaa	3420
ctgaaatTTT	attataacat	tgacaataat	gtattTTTTT	ccttaatcca	cctaccta	3480

tttctgaagg	aaagtagtac	tattttgtgt	attctgtgga	aatcaactgt	aataatatgt	3540
tacttgaaac	taacaataaa	tgaggtaaga	agctttatgt	gtgtctgtaa	gccaataagg	3600
tttcttaaa	aatcaaaaatt	tttaataatg	tgagcagcca	acctccagat	agactgacag	3660
agatcttaca	tcagtgtctc	tcattgtccc	ttgctattcc	attttgaggt	ttagtaaaga	3720
taaaaaatc	agaatattgt	tgcccgttct	gggattagtc	agatcccttg	aagggtccaaa	3780
aattagtc	gatgcttgta	agctgttttc	aaagcctatt	agaatttatg	ctactgcagt	3840
ttacagtttt	taatgtatag	tctgtatcct	taccagcctc	attccttaac	aacggaggaa	3900
tgcaatttca	atggtaaaat	gttttttaac	attgaaaaga	aaagtaacaa	aaggattggg	3960
tgaaggtagg	gacctgtcga	tgggacctat	ggctgagctt	gatgccgagc	tacacgttga	4020
caaggtgtga	cagtgcactg	cacagagggt	ctgctctccc	tgcccccatc	tttgttatta	4080
ggactagggt	tctcgagttt	gtacctcttg	gtcttcacaa	gttgacaaaa	atgctctttg	4140
acagccaggt	gtgtatgtgt	atgtgcatgc	acatgcacat	atgtgtacat	gtatcatggt	4200
ttttccccta	gacctctgca	tgttgctgcc	cgaatgggc	taacaatggg	ggttcaggaa	4260
cttttgggaa	aaggagcaag	tgtgcttgca	gtagatgaaa	atggctatac	cccagctttg	4320
gcctgtgctc	ccaataagga	tgtggctgat	tgccctggctc	tcattttggc	caccatgatg	4380
cctgtctcat	caagtagtcc	tttatcatcc	ttaacattca	atgccattaa	ccgttatacc	4440
aacacctcaa	aaacagtcag	ctttgaagct	ttgcccatca	tgaggaatga	acctagctcc	4500
tattgcagtt	tcaataacat	tggaggggaa	caggagtact	tataactga	cgtggatgag	4560
ctcaacgact	ccgattctga	gacctactga	gaggctgagg	aggagggagt	tctcacagta	4620
tagccttcaa	actgtgcttt	ttcaggacaa	aggcactttg	atattcacgt	tgatattcaa	4680
cctaagagga	aagatcccac	agtgaacca	tgttaagaga	tctgatggca	ttaggaggaa	4740
gagttttaaa	ggaattctct	tctgaattcc	ctgagggaat	tttctagaat	ctcagaattg	4800
aaagagacct	gaggttcac	cagtctctaa	cctcttaaca	aatgcaggag	tcccttctac	4860
aagggtgatc	tttccacctt	gaacacttcc	aagtgaactc	acctcaccaa	gcagtccatt	4920
cagttgttga	gcagctctaa	ctgttagaaa	ggtcttccct	agatggagtt	gaagcctccc	4980
tcccggtaac	ttctgtcttt	gggacctggg	ctgtcctcca	agagaaccct	gagaatggtg	5040
gaaggatgaa	tctcgacat	tctgccatgt	cttctctttt	acaggctggt	tgacttctct	5100
gctgaagtga	tttccagaag	gactcatttg	acacactatt	agatttacca	catctaata	5160
aatccaaggt	gtagctataa	agtgaacaag	tgtttttaat	ttatcacata	caccagaact	5220
tctatcctgc	atcacttata	tgtaaatgat	gctgttacca	aaaacattaa	ggtagttcct	5280
gcgaatgcca	ccccactaag	aaaactattt	cattactttt	gtaatccatc	tgtgagagtc	5340
tgccccccag	cttaaccact	tcctttgggc	tgcacccaat	gaagggaac	cccaaagtac	5400
tgtctcaaat	ggatattgaa	ctacgccagt	attgttggaa	taagtacatt	aattacttga	5460
atgaatgaac	acagcacctg	agaaatttcc	tttatgggta	caccttgat	gtctaaagca	5520
ttcaggccct	gttctgtagt	gtttcttata	ctcacacaga	gtagaaaagc	ctgtttgctt	5580
ttattttaact	tattacataa	aagatgacat	ctgaaatatc	tgatgtgtat	ttataaatac	5640
ccagcttctt	gctctagaac	tactttgggt	gaaatgggtg	taatagcaaa	tgacctcctt	5700
taacaagaca	ctcatctcaa	acaatgccat	ttagttcagg	agatctctaa	gtgtagctgt	5760
aaattttggg	gttaatttgg	cttatattgg	accttttaaa	agaaataaag	ttttttaatg	5820
caat						5824

<210> 7622

<211> 1695

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (194)...(443)

<223> similar to gil345531 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



```

<400> 7622
cccacgcgtc cggtagactt cctggagccc agagatgaga agataaagat gccgctccta      60
cgaggactgc tgtggctcca ggtgctgtgt gcgggccctc tccatacaga ggctgtggta      120
cttctggttc cttctgatga tgggcgtgct tttctgctgc ggagccggct tcttcatccg      180
gaggcgcgatg tccccccgc cgctgatcga ggagccagcc ttcaatgtgt cctacaccag      240
gcagccccc aatcccggcc caggagccca gcagccgggg ccgccctatt acaccgaccc      300
aggaggaccg gggatgaacc ctgtcgggaa ttccatggca atggctttcc aggtcccacc      360
caactcacc caggggagtg tggcctgccc gcccctcca gcctactgca acacgcctcc      420
gccccgtac gaacaggtag tgaaggccaa gtagtggggg gccacgtgc aagaggagag      480
acaggagagg gcctttccct ggccctttctg tcttcgttga tgttcacttc caggaacggt      540
ctcgtgggct gctaagggca gttcctctga tatcctcaca gcaagcacag ctctctttca      600
ggctttccat ggagtacaat atatgaactc acactttgtc tctctgtttg cttctgtttc      660
tgacgcagtc tgtgctctca catggtagtg tggtagacagt ccccgagggc tgacgtcctt      720
acggtggcgt gaccagatct acaggagaga gactgagagg aagaaggcag tgctggaggt      780
gcaggtggca tgtaaagggg ccaggccgag catcccaggc aagcatcctt ctgcccgggt      840
attaatagga agcccatgc cgggcggctc agccgatgaa gcagcagccg actgagctga      900
gccagcagg tcatctgctc cagcctgtcc tctcgtcagc cttcctcttc cagaagctgt      960
tgagagagaca ttcaggagag agcaagcccc ttgtcatgtt tctgtctctg ttcatacct      1020
aaagatagac ttctcctgca ccgccaggga agggtagcac gtgcagctct caccgcagga      1080
tggggcctag aatcaggctt gccttgaggg cctgacagtg atctgacatc cactaagcaa      1140
atattattaa attcatggga aatcacttcc tgccccaaac tgagacattg cattttgtga      1200
gctcttggtc tgatttgag aaaggactgt taccatttt tttgggtgtg ttatggaagt      1260
gcatgtagag cgtcctgccc tttgaaatca gactgggtgt gtgtcttccc tggacatcac      1320
tgccctctcca gggcattctc aggccggggg gtctccttcc ctcaggcagc tccagtgggt      1380
ggttctgaag ggtgctttca aaacggggca catctggctg ggaagtcaca tggactcttc      1440
caggagagaga gaccagctga ggcgtctctc tctgaggttg tgttgggtct aagcgggtgt      1500
gtgctgggct ccaaggagga ggagcttgct gggaaaagac aggagaagta ctgactcaac      1560
tgactgacc atgttgtcat aattagaata aagaagaagt ggtcggaaat gcacattcct      1620
ggataggaat cacagctcac cccaggatct cacaggtagt ctctgagta gttgacggct      1680
agcggggagc tagtt                                     1695

```

```

<210> 7623
<211> 926
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (370)...(816)
<223> similar to gi3900848 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7623
tccctttctc ttctctgcat gatgtctgct gccttcaatg ccttgctgtg ttgctgggga      60
tctgctctgt ttagacttgg ctgccggtgg caccattttg gcgtttaaca catttgtata      120
tgtggcacca ttggggcttt ggcaccattt ggacttagct gcctgtggag ctgtttggaa      180
ctgagggata gaacgcaagg atctcactta gccagtgga tggcagtcaa ttaatggagc      240
gagtggctta gtccttgtca tgctgccaa gcaaggggcc tttccatgct cagaatcacc      300

```

atgaagacga	gagctatctc	tcttgctgca	gacgccacgg	agtttgtgca	ggggcgcagc	360
gctccagcca	tggcgcgttc	gctcgtccac	gacaccgtgt	tctactgcct	gagtgtatac	420
caggtaaaaa	taagccccac	acctcagctg	ggggcagcat	caagcgcaga	aggccatggt	480
ggccaaggag	ctccaggcct	catgggtaat	atgaaccctg	agggcgggtg	gaaccacgag	540
aacggcatga	accgcgatgg	cggcgatgatc	cccgaagggcg	gcggtggaaa	ccaggagcct	600
cggcagcagc	cgcagccccc	gccggaggag	ccggcccagg	cggccatgga	gggtccgcag	660
cccgagaaca	tgcagccacg	aactcggcgc	acgaagttca	cgctgttgca	ggtggaggag	720
ctggaaagtg	ttttccgaca	cactcaatac	cctgatgtgc	ccacaagaag	ggaacttgcc	780
gaaaacttag	gtgtgactga	agacaaagtg	cgggttttgt	ttaagaataa	aagggccaga	840
tgtaggcgac	atcagagaga	attaatgctc	gccaatgaac	tacgtgctga	cccagacgac	900
tgtgtctaca	tcgtcgtgga	ctagcc				926

```

<210> 7624
<211> 2872
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (192)...(2392)
<223> similar to gi498723 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7624						
ttagagctcg	ggtctcctcg	ccacagctcc	gagtctttcg	ttctgggagg	cccaggcggc	60
ttcgcgttct	gagaataaac	agaacctctg	ttgctctgcg	acttgcaggc	actgggagat	120
tcgtagctaa	gacgccaggg	catcccggaa	gctgggaaat	gggactgttg	acattcaggg	180
atgtggccgt	agaattctct	ttggaggagt	gggaacacct	ggaaccagct	cagaagaatt	240
tgtatcagga	tgtgatgtta	gaaaactaca	gaaacctggg	ctctctgggt	cttgttgtct	300
ctaagccgga	cctgatcacc	tttttggaac	aaaggaaaga	gccttggaat	gtgaagagtg	360
aggagacagt	agccatccag	ccagatgtgt	tttcgcatta	taacaaggac	ctgttgacag	420
agcactgcac	agaagcttca	ttccaaaaag	tgatatcgag	gagacatggg	agctgtgatc	480
ttgagaattt	acatttaaga	aaaaggtgga	aaaggaggga	gtgtgaaggg	cacaatggat	540
gttatgatga	aaagactttt	aaatatgatc	aatttgatga	atcctctggt	gaaagtttgt	600
ttcaccagca	aatactttct	tcttgtgcca	aaagctataa	ctttgatcaa	tataggaagg	660
tctttactca	ttcatcattg	cttaatcaac	aagaggaaat	agatatttgg	ggaaaacatc	720
acatatatga	taaaacttca	gtgttattta	ggcaggtctc	tactctaaat	agttaccgaa	780
atgtttttat	tggagagaaa	aattatcatt	gcaataattc	tgaaaaaacc	ttgaaccaaa	840
gctcaagccc	taaaaatcat	caggaaaatt	attttctaga	aaaacaatac	aaatgtaaag	900
aatttgagga	agtctttctt	cagagtatgc	atgggcaaga	gaaacaagaa	cagtcttaca	960
aatgtaataa	atgtgtagaa	gtttgtaccc	agtcattaaa	acatattcaa	catcagacca	1020
tccatatcag	agaaaactca	tatagctata	acaaatatga	taaagatctt	agtcagtcac	1080
caaactcttag	aaagcagata	atccataatg	aagagaaacc	atacaaattg	gaaaaatgtg	1140
gggatagctt	aaaccatagt	ttgcacctta	ctcaacatca	gatcattcct	accgaagaga	1200
aacctataaa	atggaaagaa	tgtggcaagg	tctttaacct	taactgtagt	ttatacctta	1260
ctaaacagca	gcaaattgat	actggagaaa	acctttacaa	atgtaaagca	tgtagcaaata	1320
cttttactcg	ttcctccaat	cttattgtgc	atcagagaaat	tcacactgga	gagaaaccat	1380
acaaatgtaa	agaatgtggc	aaagcctttc	gctgtagttc	ataccttact	aaacataagc	1440
gaattcatac	tggagagaaa	ccttataaat	gtaaagaatg	tggaaaagct	tttaaccgta	1500
gttcatgcct	tactcaacat	cagacaactc	atacaggaga	aaaactttac	aaatgtaaag	1560

tatgtagcaa	atcttatgct	cgttcttcaa	atcttattat	gcatcagaga	gttcatactg	1620
gagagaagcc	ttataaatgt	aaagaatgtg	gcaaagtctt	tagccgtagt	tcttgcctta	1680
ctcaacatcg	gaaaattcat	actggagaaa	atctttacaa	atgcaaagta	tgtgctaaac	1740
cttttacttg	tttctcaa	cttattgtgc	atgagagaa	tcatactgga	gagaaaccct	1800
ataaatgtaa	agaatgtggc	aaagcctttc	cttatagttc	acaccttatt	cgacatcatc	1860
gaattcatat	tggagaaaaa	ccatacaaat	gtaaagcatg	tagcaaatct	tttagtgact	1920
cctcaggtct	tactgtgcat	cggcgaactc	atactggaga	gaaaccctat	acatgtaaag	1980
aatgtggcaa	agccttttagt	tatagttcag	atgttattca	gcatcggaga	attcatactg	2040
gccagagacc	ctacaaatgt	gaagaatgtg	gcaaagcctt	caactatagg	tcatacctca	2100
ctacacatca	aagaagtcac	actggagaga	gaccctacaa	atgtgaagaa	tgtggcaaag	2160
ccttcaactc	taggtcatat	ctcactacac	atcggagaag	acatactgga	gagagaccct	2220
acaaatgtga	tgaatgtggg	aaagccttca	gctataggtc	atacctcact	acacatcgga	2280
gaagtcatag	tggagagaga	ccctacaaat	gtgaagaatg	tggcaaagcc	tttaactcta	2340
ggtcatacct	cattgcacat	cagagaagtc	atactagaga	aaaactttta	aaatgtaaaa	2400
catggagcag	attttttact	tgttaccat	gtcttattgt	gcatcagata	atttatatgg	2460
gagtgaacc	ctacaaatgt	taagaatgtg	gcataacctt	taactatttt	caagccttac	2520
acaatagcag	agaatataaa	ctgaaaaaat	ccatacaaat	attaaaaatg	tggcaaatta	2580
ttttaaactg	tgctcaaccc	ttactcaaga	taatccatac	tagagaaaca	ctatagatgt	2640
aaaaatgtga	aaagttttat	tcaaaatata	aaacttatga	gtcacctagg	ggttcataga	2700
aaaaggaagt	ttgcagatgc	aataaatgtg	aggaagtatt	taataaaaaa	tgaagtctaa	2760
atgtgtcaga	gaattttatgt	gagaaaggac	taaagcacag	acactttcag	cctttatact	2820
aaataagagt	atttttgcctc	agatatctta	aggcaaataa	tagtatattat	tg	2872

<210> 7625

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (103)...(641)

<223> similar to gi5326828 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7625

cccacgcgtc	cgctccgccc	ttccggctgg	ccccgcctcag	tcacccgcag	caggcgtgca	60
gtttcccggc	tctccgcgcg	gccggggaag	gtcagcgccg	taatggcggt	cttggcgctg	120
ggaccctacc	tgacccatca	gcaaaaggtg	ttgcggcttt	ataagcgggc	gctacgccac	180
ctcagatcgt	ggtgcgtcca	gagagacaaa	taccgatact	ttgcttggtt	gatgagagcc	240
cggtttgaag	aacataagaa	tgaaaaggat	atggcggaag	ccacccagct	gctgaaggag	300
gccgaggaag	aattctggta	ccgtcagcat	ccacagccat	acatcttccc	tgactctcct	360
gggggacact	cctatgagag	atacgattgc	tacaagggtc	cagaatgggtg	cttagatgac	420
tggcatcctt	ctgagaaggc	aatgtatcct	gattactttg	ccaagagaga	acagtgggaag	480
aaactgcgga	gggaaagctg	ggaacgagag	gttaagcagc	tgcaggagga	aacgccacct	540
ggtggtcctt	taactgaagc	tttgccccct	gcccgaagag	aagggtgattt	gccccactg	600
tggtggtata	ttgtgaccag	accccgggag	cggcccatgt	agaaagagag	agacctcatc	660
tttcatgctt	gcaagtgaag	tatgttacag	aacatgcact	tgccttaata	aaaaatcagt	720
gaaatggtca	aaaaaaaaa					739

<210> 7626  
 <211> 997  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (846)...(161)  
 <223> similar to gi573114 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7626  
 tttttttttt ttggccttga agagttttatt tactcattca ctcagcagca ttcaccaagc 60  
 cctactgtgt gcattggctg ggcaaggggt ggtgttgggg gtagagttag cgttgctggc 120  
 agggggagcc ggggtggatg tgaagcagcc cacagggtcag gcctccatat ctggaaagag 180  
 caggaacccg gaaaagatgc tgttggcacc ctccatgccc agtagtgagt tcttgtcggc 240  
 ggctgcagg aagacgttct cccctgctc cagcttgagg accatgccac cgggtggtgac 300  
 ctggaagggtg ttgtaggcat agtcacagaa ggtgaccacc ttctgtgcac gctcccggcc 360  
 acgcatgagg ttcacgcaca ggttccctcg agagctggcg tggtaggtga agtagtagag 420  
 accgggcacc ttgcagggtga acttgccact gcggggctca taattgttgt tcatgttggt 480  
 gatcacgtgg tcgaagcgga tggctctggc cgggcgcagg gggacgttga tggttcttgt 540  
 ggagagaag gcatatttct ggggtggcctt gtagtctccc gattcacctt tggggcctgg 600  
 ggctccaggg gcccttgggc cacccttagg gcccatgggg cccttggggc cgacttttcc 660  
 tggattccca ggaatccctg ggtctccctt ctctccgaac tcaccatggc ctccagccag 720  
 ccctggaagc cctttctctc cttttatccc tgggggtccca ggttggccat cggggccagg 780  
 tgtccagagg ataccggga tgccagggat ggctgggggc ccggtgcagc tgagctgggc 840  
 ctgggagata tcgattaggc ccaggagcag gagcaacatc agtactggga tgctgcccc 900  
 tgggatcttc atcatcatc tgtgtcagac gcctcctggg aagctggtgt cctgtgaggc 960  
 cactgggctg agcagcagtg ggaccaggag ccgagag 997

<210> 7627  
 <211> 3764  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (411)...(3263)  
 <223> similar to gi5881961 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7627  
 gagggctggg gctgggagat cccggcgagg gccccggcag agcagtcgcc cgtgagcccc 60  
 cgcaactcag acgcgctcgg cctcgcgctc cggggctggg accaccgagg gcgagctgca 120

gccttcgcca	cccgggtccgc	cgccgggactc	cgctccccc	aaacagccccg	gcaaggccct	180
ttccgcgcgc	tccctcatcc	agcgaagcct	ccttcccagc	ttccccggcg	gcggcgccgt	240
gacgtcactt	cgtttctcca	gcgcgcacgt	gggaggaagt	gctgggtgcc	tctgccgctg	300
ctcccgtctc	tttggttacg	ctcgtcagcc	gctgggtcag	ccgcaagtac	ccgtccatca	360
tagtcaactg	cgtggaagag	aaggtgagga	ggcgccagcc	gtgtgccgct	atgggagtc	420
cggcgttctt	ccgctggctc	agccgcaagt	acccgtccat	catagtcaac	tgctggaag	480
agaagccaaa	agaattcaat	ggtgtaaaga	ttccagttga	tgccagtaaa	cctaatacaa	540
atgatgtgga	gtttgataat	ctgtatttgg	atatgaatgg	aatcatccat	ccctgtactc	600
atcctgaaga	caaaccagca	ccaaaaaatg	aagatgaaat	gatgggttga	atttttgagt	660
acattgacag	acttttcagt	attgtaagac	caagaagact	tctctacatg	gcaatagatg	720
gagtggcacc	acgtgctaaa	atgaaccagc	agcgttcaag	gaggttcagg	gcatcaaaag	780
aaggaatgga	agcagcagtc	gagaagcagc	gagtcaggga	agaaatattg	gcaaaagggtg	840
gctttcttcc	tccagaagaa	ataaaagaaa	gatttgacag	caactgtatt	acaccaggaa	900
ctgaattcat	ggacaatctt	gctaaatgcc	ttcgctatta	catagtctgat	cgtttaaata	960
atgaccctgg	gtggaaaaat	ttgacagtta	ttttatctga	tgctagtgtc	cctgggtgaag	1020
gagaacataa	aatcatggat	tacattagaa	ggcaaagagc	ccagcctaac	catgacccaa	1080
atactcatca	ttgtttatgt	ggagcagatg	ctgatctcat	tatgcttggc	cttgccacac	1140
atgaaccgaa	ctttaccatt	attagagaag	aattcaaacc	aaacaagccc	aaaccatgtg	1200
gtctttgtaa	tcagtttgga	catgaggtca	aagattgtga	aggtttgcca	agagaaaaga	1260
agggaagca	tgatgaactt	gccgatagtc	ttccttgtgc	agaaggagag	tttatcttcc	1320
ttcggcttaa	tgttcttcgt	gagtatttgg	aaagagaact	cacaatggcc	agcctaccat	1380
tcacatttga	tgttgagagg	agcattgatg	actgggtttt	catgtgcttc	tttgtgggaa	1440
atgacttctt	ccctcatttg	ccatcgttag	agattaggga	aaatgcaatt	gaccgttttg	1500
ttaacatata	caaaaatgtg	gtacacaaaa	ctgggggtta	ccttacagaa	agtggttatg	1560
tcaatctgca	aagagtacag	atgatcatgt	tagcagttgg	tgaagttgag	gatagcattt	1620
ttaaaagag	aaaggatgat	gaggacagtt	ttagaagacg	acagaaaaga	aaaagaaaga	1680
gaatgaagag	agatcaacca	gctttcactc	ctagtgaat	attaactcct	catgccttgg	1740
gttcaagaaa	ttcaccaggt	tctcaagtag	ccagtaatcc	gagacaagca	gcctatgaaa	1800
tgaggatgca	gaataactct	agtccttcga	tatctcctaa	tacgagtttc	acatctgatg	1860
gctccccgtc	tccattagga	ggaattaaagc	gaaaagcaga	agacagtgc	agtgaacctg	1920
agccagagga	taatgtcagg	ttatgggaag	ctggctggaa	gcagcggtag	tacaagaaca	1980
aattttgatgt	ggatgcagct	gatgagaaat	tccgtcggaa	agttgtgcag	tcgtacgttg	2040
aaggactttg	ctgggttctt	agatattatt	accagggctg	tgcttctctg	aagtgggtatt	2100
atccattttca	ttatgcacca	tttgcttcag	actttgaagg	cattgcagac	atgccatctg	2160
attttgagaa	gggtacgaaa	ccgttttaaac	cactagaaca	acttatgggg	gtatttccag	2220
ctgcaagtgg	taatttttcta	cctccatcat	ggcggaagct	catgagtgat	cctgattcta	2280
gtataattga	cttctatcct	gaagattttg	ctattgattt	gaatgggaag	aaatatgcat	2340
ggcaagggtgt	tgctctcttg	ccattcgtgg	atgagcgaag	gctacgagct	gccctagaag	2400
aggatataccc	agacctcact	ccagaagaga	ccagaagaaa	cagccttgga	ggtgatgtct	2460
tatttgtggg	gaaacatcac	ccactccatg	acttcatttt	agagctgtac	cagacagggtt	2520
ccacagagcc	agtggaggta	ccccctgaac	tatgtcatgg	gattcaagga	aagttttctt	2580
tggtatgaaga	agccatttct	ccagatcaaa	tagtatgttc	tcctgttctt	atgttaagggt	2640
atctgacaca	gaacactgta	gtcagtatta	attttaagaa	cccacagttt	gctgaagatt	2700
acatttttaa	agctgtaatg	cttcaggag	caagaaagcc	agcagcagta	ctgaaacctt	2760
gtgactggga	aaaatccagc	aatggacggc	agtggaaagc	tcagcttggc	tttaaccgtg	2820
accggaggcc	tgtgcacctg	gatcaggcag	ccttcaggac	tttgggcat	gtgatgcaa	2880
gaggctcagg	aactggcatt	tacagcaatg	ctgcaccacc	acctgtgact	taccaggga	2940
acttatacag	gccgcttttg	agaggacaag	cccagattcc	aaaacttatg	tcaaatatga	3000
ggccccagga	ttcctggcga	ggtcctcttc	cccttttcca	gcagcaaagg	tttgacagag	3060
gcgttggggc	tgaacctctg	ctcccatgga	accggatgct	gcaaaccag	aatgcagcct	3120
tccagccaaa	ccagtaccag	atgctagctg	ggcctgggtg	gtatccacc	agacgagatg	3180
atcgtggagg	gagacaggga	tatcccagag	aaggaaggaa	ataccctttg	ccaccaccct	3240
caggaagata	caattggaat	taagcttttg	taaagctttc	ccaaatcctt	tcatcattct	3300
acagttttat	gctattttgtg	gaaagatttc	tttctcaagt	agtagttttt	aataaaaacta	3360
cagtactttg	tgtattttctt	ttaaactgtgt	atattttctac	tgatctgatc	tactgtttta	3420
tggtgctttc	caaagatgta	tggtgcataa	tacagtggat	ctgaatttat	tattgcttat	3480
aaaacacatt	tgatggaata	ggagtactgg	tttttcataa	tggttaaaaa	tgaaccagc	3540

tgtggatttc	aaaacacagt	gtattctaga	tcattctaaga	tccatgctga	tttttattgc	3600
acaagaatta	ggtttgaact	cttgagctgg	aacctcagca	aactagagta	tatattgttc	3660
agtatttctt	tggaaacatt	tcattaatgt	acttgtctta	cagaaatttc	tgaacttttag	3720
taaaaaaaaa	taaagttaaa	cttttaaaaa	aaaaaaaaag	gggg		3764

<210> 7628  
 <211> 3217  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3218)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (3076)...(2478)  
 <223> similar to gi4885694 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7628	
tttttttttt	ttactgatta agagcttaaa tgtttattta aaacagaaat gccaaaccac 60
tccactctca	acctttcaag caacctggct aacaataaac tagttcttct gcaacaatgt 120
tagagcagag	gagtaactca ggttatactg taactcaaaa gcaatactac tagaaaactt 180
aaaacaccta	gcactgcata aagaaaaaaa gcaggacaaa atttaaagag aattagctac 240
agaaaaccat	tcaaaggcat ttctactgcc tcattcttta ctccatcccc ctttgaactg 300
gtttctgttt	gcatacttgt ttggtgggaa aaaaaatcat atggctgtcc caggcacaat 360
atgggaaagt	gcaaactgtc tctaaggcac agaacttaga ttctcagcca gattaatagc 420
aaatctagac	ttcccaaggg aatatgctag agaaaatgac cacagcgttc cactgctagg 480
gaaaggctcc	cctatgaaca agaccagggc actcaccac ccccggcact cactttcacc 540
ccaccttctc	agcaacctgc ccatgtccat cagctccatg gcagaagcaa tcctcatgat 600
gaacacccca	aactgacccc agcctcctca ggccctgcct gagatgatga gcattaagaa 660
tacaggaaca	tgacagggtca atcggtccct caagaaaatc aaagttgcat ttacatgctg 720
aacccaaaac	cactgttaca gtttatgaca accccgcaa gtccccagaa cttgcaactt 780
taatcaaagt	ttggtgctt cccttatttc aagaaaagggt ttcagtgatt acattagtag 840
taatgtacta	ggcttcccag aactgagaaa acaatgggaa catcaaacca aagaagatcc 900
cattgaacag	agttgcctgt cccgagcaat ggggttctcc ccaagcatca gcctttatgc 960
caccagtttt	ggagaaatgg caaaatttcc attgcacaag acctcccaca atgttgataa 1020
gattatcaaa	catttttggtc tggggaagat gaaacaaaat taatttagct gtttaatagg 1080
aagggtgggga	tgtgagactc atccaaagggt aggatgtgtg acacccaaaat accacaggaa 1140
ccattttaca	aggcctaggt ggaaatacaa agctcacatc cttaaggaaa ccatcaaata 1200
cttgccctag	aactttctat atgaagtttt gttcttctat gacactattt ctctttggta 1260
aagctagctt	gtttctatct acaaagacac agtgagtaca ggattagaag tgagctctca 1320
gccaaattcc	ttttgcaagt tctacctgtt ctggttaggct tcagggactc ccagggtttg 1380
gtgctggctt	tgggcccactc aggtaggaaa aatgatacag attcattcgt taccacatgg 1440
cttcataaaa	cacccaaaagg ggaaaaatac tgactagaca ttcagaaaga aagtggttgg 1500
ggctgctgat	atcaagatca gaaccctaag agccatgaag gcagaggctc aaagaagtct 1560
tttcatgggc	agaagactga gagccctcta agccctctct aagataccaa gtagaggcag 1620
ctaaaggagg	acctcttctc cttcatgatt ttctcttaag gctattctga ctgccccatg 1680

gactcaattc	tctgagacac	ctcatccctc	agagacacct	catccccctca	tccacagtta	1740
ggaaatccca	ccctgcattg	gtcacagcct	gaaacaccag	ctgtgtgatg	aggagggtcc	1800
tgccctttct	ctattcctca	ctgaagaaat	ttcaatcaac	cctcagagga	aaagcaacct	1860
aagcctacct	ttcctcctaa	agcatttagc	tgcaacagag	aactgaactt	tttcgaaaca	1920
agccctagat	tgactccatc	agacatat	ttcctggactc	agggctccca	agagggccag	1980
actacttcac	cactctgcag	aggacactgg	gcgggccaca	cctgattcca	gcccactcca	2040
actttacact	tctccctctc	ccacccagag	gggtaatgcc	tggtactgaa	ttcccaaggc	2100
agcttccaat	caatggtgaa	aatgatacat	gggatataag	ctgctaccag	cgcaattaag	2160
gtgagcactg	tgtctcctct	tcaaagggtg	gatcaacaga	tgaggtagag	agctgctgtt	2220
gctatggcag	tcactgatga	caaagccagg	gccatggggg	cccttccatt	ctccaaaaca	2280
ataaaatcac	tcctagatcc	tatctaaaag	gcaatgccac	tctccaaatg	tacaaggaaa	2340
gtgcttcaga	gcctctgcct	tgcgctcctt	ttctgcaagt	gaacaaagcc	aggaaagctg	2400
ctctctgcat	tcggtaagt	tgctgtgaag	ttctttgggt	cccagtctcc	tgggggctct	2460
ataggctcag	gagactagag	gctgggtcta	caggagtctg	ttcccaggag	gcaccaggaa	2520
tctgaatcta	agtcaggctt	tggtatccatt	tccatctctt	cctttgctgt	ctgagttcct	2580
ttggaatgca	tccccacctg	ctgccctcct	tctaatttct	tggtcaactt	ctgcagttgg	2640
gtaaaaatct	ggagggtttt	ttgctgtagc	ttctgttggt	cagccagaca	ctttaacacc	2700
agaccctgca	atctctcaac	ctccacctgc	agagagctgc	acgcacacgc	aggaggagtc	2760
agtgggtgtt	ccttcccagc	acagggttact	gcaggattca	gccgagggtg	cgaggcttct	2820
acttgggggt	tgtgttccaa	aggagcttca	gaggccactt	tgagtccttg	cagctcttca	2880
tagggcaggg	tatctttctc	agattctgaa	aacgctgcac	tgagaggaga	tgggctgtca	2940
ggcatgggga	taaattctgc	attttccagc	tcctttcgaa	gccagccagg	acaggagctg	3000
ctggcccat	tactgttccc	catggcctct	gtgggactga	ttaaaccttc	cattcctcgg	3060
tctgcttcca	ttgttccctg	gaagcctcca	cttgggtcag	gagtttcaga	ttcctgctga	3120
ctgtcctctt	cttcaccacc	gccgcccccg	ccgcccgnnc	gcntgggtcg	ncgcgggtgc	3180
gaagaccac	ctacaggact	ctcattaggg	agcggcg			3217

<210> 7629  
 <211> 1427  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (122)...(673)  
 <223> similar to gi3288888 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7629	
acgcacgcaa	gcggtctccag ggtacgtccc cgccacgcgc gctcgcagga tcggtgcgtg 60
gtgacgtttc	gccggcgcg ggcacatccc ggaagcgcg gcaaggccgc cagatgtgca 120
ggcagcggag	gaggagaaag agatggacct cccggactcg gcctcgaggg tcttctgcgg 180
ccgcatcctg	agcatggtga acacagatga tgtcaacgcc atcatcctgg ccagaagaa 240
catgctggac	cgctttgaga agaccaatga gatgctgctc aacttcaaca acctgtccag 300
tgcccgcctg	cagcagatga gcgaacgctt cctgcaccac acgaggaccc tagtagagat 360
gaaacgggac	ctggacagca tcttcgcgc tatcaggacg ctgaaaggga aactggccag 420
gcagcaccac	gaggccttca gccatatccc agaggcatcc ttctggagg aagaggatga 480
agaccccatc	ccacccagca ccacgaccac cattgccacc tcagaacaga gcacgggctc 540
atgtgacacc	agccccgaca ccgtctcgcc ctccctgagc cccggcttcg aggacctgtc 600
ccatgtccag	cctggctccc cagccatcaa cggccgcagc cagacagatg acgaggagat 660

```

gacgggcgaa tagccctgct gcccgggtgcc ttgaggggggt ctcaggggcag cagcatacaa 720
ggtggcagcg ggtaaccctg ccttgttctg tcatccaggg ctcctttgct gccccgttct 780
gtcaccacag gctcctaggg ggacaaggct ctctcccag ggggtgtggaa ttcctggggg 840
ggtctttaat tctgggctcc ttccttcctc agaacatctc tattctgcaa gaccctctg 900
ccatgccagg gcacgcccac tccagctgga gtcgtggggc tgggcacagg ggaatttttc 960
cagagctgag cctgacgtct gctctgaaga atgcttagaa ggttcccaga caccagagcc 1020
agatgtcccc caccaccggt caggacctcc ttgaggtgca caagcacggt ctctctgag 1080
ttcaccacag cccacccccg caccactaa ttctgctttt cctgcccctt gctccgtaaa 1140
agtatcaaat actttctcct tggatatctc aggaggtttc tgagataggt agaagtcttg 1200
agacggaggc tggccatcca ttcagccctg agcgtgctga gttctgtgtt tctctgaata 1260
gaggtgtgga acctgagggg ccagcaggcc tctctgaagg cctccatgga gcaaacggag 1320
ccacctcggg aaagagttta atggaatatt tttgtaccg atgtttacag atgctgttgg 1380
gaagtattca ataaaaagac accattacta aaaagggaaa aaaaaaa 1427

```

```

<210> 7630
<211> 1077
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (927)...(513)
<223> similar to gi3395582 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7630
tttttttttt ttgattataa agcaagttta ttctgaagag ggattgtctt atgtttacgc 60
acagggaaga aataagagga aaccctcttt tcaacctctt tccccctca cagaaccgag 120
tccccaaagt ctcagcaaca tcatgcagtg ctccagcgcc ttactgggg accaaagatg 180
ttaggatcgt gaagggtcag actgggtcacc agctgttcaa agtcacccag gctccagggt 240
gcaggtgaca gatttttcggg gccaaagatg gacctgttgt cagggccttg ggtgggggaa 300
cagatggaga cagaacatca tccaggcctg aggtttggaa attgccaatt cctgttcccc 360
agaggacctg ggtatcagtt accccaaacc tctggcccac tctgcttcc ttggaggatc 420
ccaccagtga gtctccctgt tctgtccctc ccagcccgat tctcctggga acccagtcac 480
gagatacccg ccggttcctt cctccttacg ggggctgatt gaaggtaagc aagagatcag 540
tctggtagtg gggcagcctc agcaaggcct gatgaagtgt cagtccttt gctacctgct 600
ggttttcctt agctatctgc tgcttgccag agaggacca ggcttcttga cagcggcccc 660
tcagggccag gttctccaaa ctgagaggct gaacagactc cacatggaca gccctagccc 720
cctgcacgcc accaacatcc tcaaagtggg accgcgcagc cgcttcgccc cgtacgtggg 780
cctgcagctc gagaagttcc actatcaggc tctgggtcgt cacgggatgg cagaaaactt 840
cttgattgtc cgggaccggt cggaggtcgc ttacgtcaat ggcccccatg gggaggatgg 900
cggaaaaggc gccccgaac agcgggcagt ctctcgtggg ctccatgggt ctgaggctgg 960
gttatgggca ttagaaaggt taaaagaag tccacattgg gtcacgtggc atcggtctcc 1020
tgggtttcgc agctgccacc gccaccggg tctggcttag ctcccgatc ctttaag 1077

```

<210> 7631



```

<211> 1792
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (122)...(1119)
<223> similar to gi780261 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7631
attgatgcct tcggaccgcc cgttgagccc gtcgaccac gcgtccgccg gatctcattg      60
ccacgcgccc ccgacgaccg cccgacgtgc attccccgatt ccttttggtt ccaagtccaa      120
tatggcaact ctaaaggatc agctgattta taatcttcta aaggaagaac agacccccca      180
gaataagatt acagttggtg gggttggtgc tgttggtcatg gcctgtgcca tcagtatctt      240
aatgaaggac ttggcagatg aacttgctct tgttgatgtc atcgaagaca aattgaaggg      300
agagatgatg gatctccaac atggcagcct ttcccttaga acaccaaaga ttgtctctgg      360
caaagactat aatgtaactg caaactccaa gctggtcatt atcacggctg gggcacgtca      420
gcaagaggga gaaagccgtc ttaatttggg ccagcgtaac gtgaacatct ttaaattcat      480
cattcctaata gttgtaaaat acagcccgaac ctgcaagttg cttattgttt caaatccagt      540
ggatatcttg acctacgtgg cttggaagat aagtggtttt cccaaaaacc gtgttattgg      600
aagtggttgc aatctggatt cagcccgaat ccgttacctg atgggggaaa ggctgggagt      660
tcacccatta agctgtcatg ggtgggtcct tggggaacat ggagattcca gtgtgcctgt      720
atggagtgga atgaatggtg ctggtgtctc tctgaagact ctgcacccag atttagggac      780
tgataaagat aaggaacagt ggaaagaggt tcacaagcag gtggttgaga gtgcttatga      840
ggtgatcaaa ctcaaaggct acacatcctg ggctattgga ctctctgtag cagatttggc      900
agagagtata atgaagaatc ttaggcgggt gcacccagtt tccaccatga ttaaggggtc      960
ttacggaata aaggatgatg tcttccttag tgttccttgc attttgggac agaatggaat     1020
ctcagacctt gtgaagggtg ctctgacttc tgaggaagag gcccgtttga agaagagtgc     1080
agatacactt tgggggatcc aaaaggagct gcaattttta agtcttctga tgtcatatca     1140
tttcaactgtc taggctacaa caggattcta ggtggaggtt gtgcatgttg tcctttttat     1200
ctgatctgtg attaaagcag taatatttta agatggactg ggaaaaacat caactcctga     1260
agttagaaat aagaatgggt tgtaaaatcc acagctatat cctgatgctg gatgggatta     1320
atcttgtgta gtcttcaact ggttagtgtg aaatagttct gccacctctg acgcaccact     1380
gccaatgctg tacgtactgc atttgcccct tgagccaggt ggatgtttac cgtgtgttat     1440
ataacttcct ggctccttca ctgaacatgc ctagtccaac attttttccc agtgagtcac     1500
atcctgggat ccagtgtata aatccaatat catgtcttgt gcataattct tccaaaggat     1560
cttattttgt gaactatatc agtagtgtac attaccatat aatgtaaaaa gatctacata     1620
caaacaatgc aaccaactat ccaagtgtta taccaactaa aacccccaat aaaccttgaa     1680
cagtgaaaaa aaaaaaaaaa gggcggccgt tttaaaggat ccttgggggg gcccaagttt     1740
acgcggggcat gcaaggtaat agctttttcc ttatagggag ccgtattata ac              1792

```

```

<210> 7632
<211> 2271
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (37)...(1624)

```

<223> similar to gil79458 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7632

tttcgtgccc	cctccgagag	gggagaccag	cgggcatga	caagctccag	gctttggttt	60
tcgctgctgc	tggcggcagc	gttcgcagga	cgggcgacgg	ccctctggcc	ctggcctcag	120
aacttccaaa	cctccgacca	gcgctacgtc	ctttaccgga	acaactttca	attccagtac	180
gatgtcagct	cggccgcgca	gcccggctgc	tcagtcctcg	acgaggcctt	ccagcgctat	240
cgtgacctgc	ttttcggttc	cgggtcttgg	ccccgtcctt	acctcacagg	gaaacggcat	300
acactggaga	agaatgtgtt	ggttgctctt	gtagtcacac	ctggatgtaa	ccagcttcct	360
actttggagt	cagtggagaa	ttataccctg	accataaatg	atgaccagtg	tttactcttc	420
tctgagactg	tctggggagc	tctccgaggt	ctggagactt	ttagccagct	tgtttgaaa	480
tctgctgagg	gcacattctt	tatcaacaag	actgagattg	aggactttcc	ccgctttcct	540
caccggggct	tgctgttgga	tacatctcgc	cattacctgc	cactctctag	catcctggac	600
actctggatg	tcattggcgta	caataaattg	aacgtgttcc	actggcatct	ggtagatgat	660
ccttccttcc	catatgagag	cttcactttt	ccagagctca	tgagaaaggg	gtcctacaac	720
cctgtcaccc	acatctacac	agcacaggat	gtgaaggagg	tcattgaata	cgcacggctc	780
cggggtatcc	gtgtgcttgc	agagtttgac	actcctggcc	acactttgtc	ctggggacca	840
gggtatccctg	gattactgac	tccttgctac	tctgggtctg	agccctctgg	cacctttgga	900
ccagtgaatc	ccagtctcaa	taatacctat	gagttcatga	gcacattctt	cttagaagtc	960
agctctgtct	tcccagattt	ttatcttcat	cttgaggagg	atgaggttga	tttcacctgc	1020
tggaagtcca	acccagagat	ccaggacttt	atgaggaaga	aaggcttcgg	tgaggacttc	1080
aagcagctgg	agtccttcta	catccagacg	ctgctggaca	tcgtctcttc	ttatggcaag	1140
ggctatgtgg	tgtggcagga	ggtgtttgat	aataaagtaa	agattcagcc	agacacaatc	1200
atacaggtgt	ggcgagagga	tattccagtg	aactatatga	aggagctgga	actggtcacc	1260
aaggccggct	tccggggcct	tctctctgcc	ccctggtacc	tgaaccgtat	atcctatggc	1320
cctgactgga	aggatttcta	cgtagtggaa	cccctggcat	ttgaaggtag	ccctgagcag	1380
aaggctctgg	tgattgggtg	agaggcttgt	atgtggggag	aatatgtgga	caacacaaac	1440
ctgggtccca	ggctctggcc	cagagcaggg	gctgttgccg	aaaggctgtg	gagcaacaag	1500
ttgacatctg	acctgacatt	tgcctatgaa	cgtttgtcac	acttccgctg	tgagttgctg	1560
aggcgagggtg	tccaggccca	acccctcaat	gtaggcttct	gtgagcagga	gtttgaacag	1620
acctgagccc	caggcaccga	ggaggggtgct	ggctgtaggt	gaatggtagt	ggagccaggc	1680
ttccactgca	tectggccag	gggacggagc	cccttgccct	cgtgcccctt	gcctgcgtgc	1740
ccctgtgctt	ggagagaaaag	gggcccgtgc	tggcgctcgc	attcaataaa	gagtaatgtg	1800
gcatttttct	ataataaaca	tggattacct	gtgtttaaaa	aaaaaagtgt	gactgccctt	1860
cagggtaagc	gcacagccca	ggctggagtc	agtgtctgcc	cctgaggtct	tttaagttga	1920
gggctgggaa	tgaaacctat	agcctttgtg	ctgttctgcc	ttgcctgtga	gctatgtcac	1980
tcccctccca	ctcctgacca	tattccagac	acctgcccta	atcctcagcc	tgctcacttc	2040
acttctgcat	tatatctcca	aggcgttggg	atatggaaaa	agatgtaggg	gcttgagggt	2100
gttctggaca	gtggggaggg	ctccagacc	aacctggtca	caaaagagcc	tctcccccat	2160
gcatactcat	ccacctccct	cccctagagc	tattctcctt	tgggtttctt	gctgctgcaa	2220
ttttatacaa	ccattattta	aatattatta	aacacatatt	gttctctaaa	a	2271

<210> 7633

<211> 2108

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (383)...(1651)  
 <223> similar to gi3878584 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7633
gacgatcggg ggacccgccc ggaattccgg caacgacgcc ttcgcgggag acggccacct 60
agagcattgg gcgttgacaga ttcttgaggg ccgctggcca attggcgcg cgtctgaat 120
ggcgtttggc gcggagcagt gacggctgcg ataatagcga ggagcagtg cagctttcag 180
agggtccggg ctacagagggg ctatgattcg gagggttctg ccgacagggc tgggcccggg 240
cctcttgacc cgagggccag gacgcgcgag aggaggcttt tctctggact gggatggaaa 300
ggtgtctgag attaagaaga agatcaagtc gatcctgcct ggaagtcct gtgatctact 360
gcaagacacc agccacctgc ctcccagaca ctccgatgtg gtgatcgtg gaggtgggg 420
gcttggtctg tctgtggcct attggctgaa gaagctggag agcagacgag gtgctattcg 480
agtgtctagt gtggaacggg accacacgta ttcacaggcc tccactgggc tctcagtagg 540
tgggatttgt cagcagttct cattgcctga gaacatccag ctctccctct tttcagccag 600
ctttctacgg aacatcaatg agtacctggc cgtagtcgat gctcctcccc tggacctccg 660
gttcaacccc tcgggctacc tcttgctggc ttcagaaaag gatgctgcag ccatggagag 720
caacgtgaaa gtgcagaggg aggagggagc caaagtttct ctgatgtctc ctgatcagct 780
tcggaacaag tttccctgga taaacacaga gggagtggct ttggcgtctt atgggatgga 840
ggacgaaggt tggtttgacc cctggtgtct gctccagggg cttcgcgcaa aggtccagtc 900
cttgggagtc cttttctgcc agggagaggt gacacgtttt gtctcttcat ctcaacgcat 960
gttgaccaca gatgacaaa cgggtgtctt gaaaaggatc catgaagtcc atgtgaagat 1020
ggaccgcagc ctggagtacc agcctgtgga atgcgccatt gtgatcaacg cagccggagc 1080
ctggtctgcg caaatcgag cactggctgg tgttgagag gggccgcctg gcacctgca 1140
gggcaccaag ctacctgtgg agccgaggaa aaggtatgtg tatgtgtggc actgccccca 1200
gggaccaggc ctagagactc cgcttggtgc agacaccagt ggagcctatt ttcgcccggg 1260
aggattaggt agcaactacc taggtggtcg tagccccact gagcaggaag aaccggaccc 1320
ggcgaacctg gaagtggacc atgatttctt ccaggacaag gtgtggcccc atttggccct 1380
gaggggtccc gcttttgaga ctctgaaggt tcagagcgcc tgggcccggc attacgacta 1440
caacaccttt gaccagaatg gcgtggtggg cccccaccg ctagttgtca acatgtactt 1500
tgctactggc ttcagtggtc acgggctcca gcaggccctt ggcatgggc gagctgtagc 1560
agagatggta ctgaagggca ggttccagac catcgacctg agcccccttc tctttaccg 1620
cttttacttg ggagagaaga tccaggagaa caacatcatc tgagcatgtg tgctctgcac 1680
tggctccact ggcttgcac ctggctgtgt tcacagcctt gtttgctgct tccatcttcc 1740
ccagtactgt gccaggcctt ctccccctcc ccagtgtcct ctctctcag ggaggccatt 1800
gcacccatat ggctgggcag gcacaggcag tgaggccgag gccaatagcg agtgatgagc 1860
gggatcctag gactgatctg tagcccatgc tgatgtcacc caccagggca atccatctgg 1920
aggcctgagc accctggccc aggaactggc tcactctggc actgaccagg aaagactgcc 1980
tctgacctc ttagcagaca gagcccaggc atgggagcac tctggggcag cctggctcag 2040
gtttattgat tttcgtctgt ttaccctatc cattaatcaa tacatgtaat taactcctaa 2100
aaaaaaaa
  
```

<210> 7634  
 <211> 1464  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (729)...(1335)

<223> similar to gi757907 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7634

caagcaagct	gcctgctcag	atggcagggg	atgggggaaa	acagggagac	agtttcctgt	60
ttgagatgtt	gggagatgct	tcgagtagta	tatttactgg	aaatagacat	tcaacttgga	120
tgtccctttt	tggaaatgtg	cctgcgtcca	gggctgggtt	ggggcccat	tgaacttttg	180
ctctgacaca	gctgttgcca	cactcaacgg	aactgaatct	atgtttgtct	tccccggcat	240
ccttcacccc	aactctcccc	gccacaacat	acatcccatg	ccagcctggg	gacctcaaa	300
ggtggcttca	tcattagggt	tgtggctggg	tcctactgaa	gtaagtcttg	gcactcagag	360
ggataggaat	tgaatgaaga	catgagattc	ctctgcggga	ggcctctcta	ggaaatctgt	420
ggactcacac	gtttactaat	gttgctgcag	ccccgcaccc	accttggcct	tgggcagcca	480
tactctaggg	cttttgtaac	ctctccatgt	gaggaaactca	aattagacct	gggtttggag	540
gcggtgctcc	gagctggcct	ttgggggagg	ttttgtgcga	ggcatttccc	aagtgtggc	600
aggattgtgt	cacagacaca	gagtaaacct	ttgctgggct	ccaagtgacc	gcccatagtt	660
tattataaag	gtgactgcac	cctgcagcca	ccagcactgc	ctggctccac	gtgcctcctg	720
gtctcagtat	ggcgctgtcc	tgggttctta	cagtccctgag	cctcctacct	ctgctggaag	780
cccagatccc	attgtgtgcc	aacctagtag	cgggtgccc	catcaacgcc	accctggacc	840
ggatcactgg	caagtgggtt	tatatcgcat	cggccttttcg	aaacgaggag	tacaataagt	900
cggttcagga	gatccaagca	accttctttt	acttcacccc	caacaagaca	gaggacacga	960
tctttctcag	agagtaccag	acccgacagg	accagtgcac	ctataacacc	acctacctga	1020
atgtccagcg	ggaaaatggg	accatctcca	gatacgtggg	aggccaagag	catttcgctc	1080
acttgctgat	cctcagggac	accaagacct	acatgcttgc	ttttgacgtg	aacgatgaga	1140
agaactgggg	gctgtctgtc	tatgctgaca	agccagagac	gaccaaggag	caactgggag	1200
agttctacga	agctctcgac	tgcttgcgca	ttcccaagtc	agatgtcgtg	tacaccgatt	1260
ggaaaaagga	taagtgtgag	ccactggaga	agcagcacga	gaaggagagg	aaacaggagg	1320
agggggaatc	ctagcaggac	acagccttgg	atcaggacag	agacttgggg	gccatcctgc	1380
ccctccaacc	cgacatgtgt	acctcagctt	tttccctcac	ttgcatcaat	aaagcttctg	1440
tgtttggaac	agctaaaaaa	aaaa				1464

<210> 7635

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (387)...(634)

<223> similar to gi2772565 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7635

caaaaatgta	aaattagcca	ggcgtggggg	catatgcctg	taatcctagc	tacgtgggag	60
gttgaggcag	gaagatcact	tgagcccagg	agtttgaggt	tgacgtgagc	tatgattgtg	120
ccactgtatt	ccagcctggg	cagcagagtg	agatgctatt	tcaaaaaaat	aaagtaaatt	180
aaaaaaaaat	aagagccttt	gatggcaaat	gttagaaaaa	tatgtaaata	aaaacattgg	240
cacttttaaa	taggtcatcc	tgtcccaaag	aggtagtggt	tcccccaata	cccacagccc	300

```
ctcacacagg cgtgtgcgca cacactcacg gctcatggat cctgttttgg tgaaccggac 360
tgacttcttc ttgcctgcca ctccaggtga tgatgaccaa acggaccaa gacatgggca 420
agttcagttc tgtcaccgtg tctaccattg atgaagagga agaggagatt gaggctaggg 480
aagttgctga ctcatatgca cagaatgccca aagtgattga aaaacagctg gagcgcaaag 540
gcatgagcaa gaggcgactg caagagctgg ctgaattgga agccaagaaa gcgaaaatga 600
aggggacctt gattgacaac cagttcaaat aaccaggcct ttttctaagc cctagactag 660
aggcaagcat ttagatcagg aggcaaagta atttcttgat tacatagacg gattcctatt 720
tatgccctag cagaaggctt tacgttggtt cccattgatt ctctacatt cagtgaggtc 780
tttaactgag tccatttaac ttgctttctt ttttttttgg gaaacaaagc tttgtttttt 840
cccccaggag ggagggcagg gggctaaaat ggccccactg aacccccacc ctctagcctg 900
gggaaaaaat tgagactttg tcttttcaaa aaaaaaaa 937
```

<210> 7636

<211> 1609

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (177)...(1078)

<223> similar to gil922935 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7636

```
tccgtagtg gctaaggggg aggggtttcaa agggagcgca cttccgctgc cttttctttc 60
gccagcctta cgggcccga cctcgtgtg aagggtgcag tacctaagcc ggagcggggg 120
agaggcgggc cggcaccctt ttctgacctc cagtgcggcc ggccctcaaga tcagacatgg 180
cccagaactt gaaggacttg gcgggacggc tgcccggcgg gccccggggc atgggcacgg 240
ccctgaagct gttgctgggg gccggcgccg tggcctacgg tgtgcgcgaa tctgtgttca 300
ccgtggaagg cgggcacaga gccatcttct tcaatcggat cggtggaagt cagcaggaca 360
ctatcctggc cgagggcctt cacttcagga tcccttggtt ccagtacccc attatctatg 420
acattcgggc cagacctcga aaaatctcct cccctacagg ctccaaagac ctacagatgg 480
tgaatatctc cctgcgagtg ttgtctcgac ccaatgctca ggagcttctt agcatgtacc 540
agcgcctagg gctggactac gaggaacgag tgttgccgtc cattgtcaac gaggtgctca 600
agagtgtggt ggccaagttc aatgcctcac agctgacac ccagcgggcc caggtatccc 660
tgttgatccg ccgggagctg acagagaggg ccaaggactt cagcctcatc ctggatgatg 720
tggccatcac agagctgagc tttagccgag agtacacagc tgctgtagaa gccaaacaag 780
tggcccagca ggaggcccag cgggcccatt tcttggtaga aaaagcaaag caggaacagc 840
ggcagaaaaa tgtgcaggcc gaggggtgagg ccgaggctgc caagatgctt ggagaagcac 900
tgagcaagaa ccctggctac atcaaaactt gcaagattcg agcagcccag aatatctcca 960
agacgatcgc cacatcacag aatcgtatct atctcacagc tgacaacctt gtgctgaacc 1020
tacaggatga aagtttcacc aggggaagtg acagcctcat caagggttaag aaatgagcct 1080
agtcaccaag aactccaccc ccagaggaag tggatctgct tctccagttt ttgaggagcc 1140
agccaggggt ccagcacagc cctaccccgc cccagtatca tgcgatggtc cccacaccg 1200
gttccctgaa cccctcttgg attaaggaag actgaagact agcccctttt ctggggaatt 1260
actttcctcc tccctgtggt aactggggct gttggggaca gtgctgatt tctcagtgat 1320
ttcctacagt gttgttcctt ccctcaaggc tgggaggaga taaacaccaa ccaggaatt 1380
ctcaataaat ttttattact taacctgaaa aaaaaaaaaa agggggggcc gttttaaaga 1440
atcaaatatt acttccccgg gcttgcaagg taatagtttt tttatggggc cacctaaatt 1500
aaattccccg gccggctttt aacaacgtgg ggaggggaaa aaccctgggg taaccaaat 1560
```

taatcgcttt gaaaaaaatc cccttttcgc caggggggga aaaaaaaaa

1609

<210> 7637  
<211> 1945  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (29)...(714)  
<223> similar to gi488750 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7637  
ggcacgagaa cagatcagac attttgtaat gatgcctgaa ataaacacta accacctcga 60  
caagcaacag gttcaactcc tggcagagat gtgtatcctt attgatgaaa atgacaataa 120  
aattggagct gagaccaaga agaattgtca cctgaacgag aacattgaga aaggattatt 180  
gcatcgagct tttagtgtct tcttattcaa caccgaaaat aagcttctgc tacagcaaag 240  
atcagatgct aagattacct ttccagggtt ttttacgaat acgtgttgta gtcattccatt 300  
aagcaatcca gccgagcttg aggaaagtga cgcccttgga gtgaggcgag cagcacagag 360  
acggctgaaa gctgagctag gaattccctt ggaagagggt cctccagaag aaattaatta 420  
tttaacacga attcactaca aagctcagtc tgatgggtatc tgggggtgaac atgaaattga 480  
ttacattttg ttggtgagga agaattgaac tttgaatcca gatcccaatg agattaaaag 540  
ctattgttat gtgtcaaagg aagaactaaa agaacttctg aaaaaagcag ccagtgggtga 600  
aattaagata acgcatgggt ttaaaattat tgcagcgact tttctcttta aatgggtggga 660  
taacttaaat catttgaatc agtttggtga ccatgagaaa atatacagaa tgtgaatatg 720  
taggtaaatg attacagaaa aatttatctg cttacaaaac ttagaatgac ttttcccttt 780  
taaatttagt tctatcatta atttatcatt aaatttagtt ctatcatttg gtactatcat 840  
taatgtatta tatacactga tactttaaaa cttgtgtgga aaaaactaac ttataatatt 900  
gtatcacaca ccctggatat gtgttctgtt tctaagcgac atttgtgaga gattattgta 960  
aaatgagagc gagcaaataa aacttaattt aatccttgca gatacatact tatgggaaat 1020  
ttgaacaaat gagtgaaact ctgtgttttt agtaggctgt gataaacatt tccggagcac 1080  
ttgcagagga cttgctatatt gccagggtgt ttatgtatca ttaaattttt ctcatagttc 1140  
agaaaaatgt gcaaaggaaa ctattgtctc gtccttcaa aacagtctta attactttc 1200  
atattagcag attaaactag cagagcagggt tcaagggaaa ttaaatgata tggaccctaa 1260  
tttgtatcat tctgagttga ttgtgtggtt tattcattct ggaaacatgt tgatacttac 1320  
agtcagccac tgcttttgat aagtgatatt gattagggtg aatcttcttg taaatagtat 1380  
ttaccagtta gcaaagtctg tgttttcaga attacagtga gcacagaggt gttcataaaa 1440  
tgggaattga gtccactcg gtaagagttg cttaaacttg aactgttgga catttgggct 1500  
ggataaaaacc cctgtggtgg ggtctgtgct gtgcattgca ggatgggtgag cagcgtccct 1560  
ctcatgtgac acccacagtt atgccggatg ttgccagatg cccctagggg acagagtcaa 1620  
cccccaactg aggaccactg tcctacagag tcaggaaata ttgtaggag aaaaaataa 1680  
caacaacaaa ggctgtgtt aatgttaaat agatgagatt atggaatgtg tatattaatg 1740  
ttaaaaattg taccttgatc aatgtacttt ttataaactt gccatagata tctcagattt 1800  
gaaacctcaa gacagattta ttattcttaa atgctgtatg ataatgaaga aaaataaaaa 1860  
tttatttctt gcaaagttaa atgtttgtta aaattcaata ggaatgactc attttatggg 1920  
ttaacttttg ggcaatttat aattt 1945

09488750.012100

<210> 7638  
 <211> 2288  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (314)...(916)  
 <223> similar to gi4559310 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

CG43725.0.2.00

<400> 7638						
gggggttattg	aggaacatgg	cgttgctggt	gcgagtcctt	aggaaccaga	ctagcatttc	60
tcagtggggtt	ccagtatgca	gccgattgat	acctgtgtct	cctaccaag	gacaggggga	120
cagggctctg	tctcgactt	cccagtggcc	ccagatgagc	cagtccaag	catgtggtgg	180
atcagaacag	attcctggaa	tagacataca	gctgaatagg	aagtatcaca	ccacacgtaa	240
gctttctact	accaaagatt	ccccacagcc	tgttgaggag	aaggttggtg	ctttcacaaa	300
gataatagaa	gccatgggat	tcacgggacc	tttgaaatac	agtaaataga	agattaagat	360
tgcggccctg	cgcatgtata	ctagctgtgt	ggagaaaact	gacttcgagg	aattctttct	420
aagggtgtcag	atgcctgata	cattcaattc	atggtttctt	ataaccctac	tccacgtctg	480
gatgtgtcta	gtccgaatga	agcaggaagg	ccggagtggg	aagtacatgt	gtcgtatcat	540
agttcatttt	atgtgggagg	atgttcagca	gcgcggcaga	gtcatggggg	ttaatcccta	600
tatcctgaag	aagaacatga	tcctcatgac	aaatcatttc	tatgcagcga	tcttgggata	660
tgatgagggg	atcctttcag	atgatcatgg	gctggccgct	gccctctgga	gaaccttctt	720
caaccggaaa	tgtgaagacc	ctcgacatct	tgaattgctg	gtagagtatg	tgaggaaaca	780
gatacagtac	ctggactcca	tgaacgggga	ggatctgctt	ctgacagggg	aggtgagctg	840
gcgcctctta	gtggagaaga	atcctcagag	catcctgaag	ccccattctc	cgacttacaa	900
cgacgagggg	ctttgatggg	ctgggccctc	cgcacggccc	gccagctggc	ttcgaggaac	960
ctccaggaga	gaagtgcctg	ttggtccagg	acctgcaga	aagtggcctg	aactgacctc	1020
tgaacagcat	ctgtcaaata	cctggcccca	tttgtgttga	gtttcctctt	agtgtgccca	1080
ggagtctgat	ctgctggggg	acagggctgg	gagaaccctt	agctctcccc	gggggtcctc	1140
tcctttaggg	gaagccccga	gcagagagtc	ccccagcaca	cactccccca	acccccctca	1200
acaactacat	gtgactgata	gcttttccca	aaggccaagg	aaggggatgg	ggtaggtttc	1260
aaaagggaaa	ccccccaggg	gcctgctgtg	ggcttaggga	gcagattgta	atgctgccga	1320
gtccggtcgg	tgaccacgcg	ttgtccctcg	gctttcagcc	atgggggttg	gttggccatt	1380
aaaagaaaaca	gagacttctc	tctgccatgg	cccttcttta	ttccagggac	ttagaaactt	1440
gcctgagatg	gtggacgcag	taatgagggc	accgcgcagc	tcagttagag	acggagaaaag	1500
ggaagaggct	gggatggtct	ctgctgctct	tgcctctagt	tcattggagat	gtgtctctgt	1560
tcaggccaag	atacagccag	ccaggcctgt	cgtctgggac	ccaggaggcc	tctgatgacc	1620
aagggtcttc	acatcctaag	tcatttggaa	ggaggccttg	agaacaaagt	cacctttgtc	1680
actcccagtg	aactgaatga	ggaacatgct	gtctcctgtc	ttggcctccc	ctttcatgag	1740
atactgggga	gaagagaaca	ttcctcctgg	cttagttgta	gcagaccag	acctgtgccc	1800
agctttgggtc	ccccttccca	acttctgaag	cacgtgctgc	agagccacct	tggtctgagc	1860
acctgaggac	cagccccctc	tcctcagtg	cggtcatct	cttgggggat	tttcttaag	1920
tgaagaaagg	gggtggggaa	ccatattgcc	cctccctccc	ccatcaaact	tccttcattt	1980
aacttgctat	aaaatgagtc	atataaagaa	actctatatg	ggtgaggtat	atcccacttc	2040
tgtgaaaaca	ttacaaatca	aaccgcttct	ctcagtttat	ttaagatgct	tttgttgcca	2100
gcgagactct	agagtgaagc	ctcctgtgtg	tgtgtgagat	aataacacct	tgtaactcat	2160
tacagctggg	cactattttac	ataaaccaga	gctgagccag	gcagggaattt	gctgattaat	2220
ttatTTTTTaa	tggagtgaag	tataccatgc	accaaataa	actttactgt	gtgtacctaa	2280
aaaaaaaa						2288

<210> 7639  
 <211> 2035  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1935)...(1046)  
 <223> similar to gil78661 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7639  
 gaggaacgca ggggtgtcacg cctgttttcag tttccccaag attcacgctg aaaacgcccc 60  
 tctcccaagt gatggcgttg ggaagtgggg gtctttggga gtcattgaggc ctcatggatg 120  
 ggatcagtgc ctttacagaa aggactccag agagcaccct ggcctcatcc atcatctgag 180  
 gacacacagg gagaaggcgc catctagaag ccaggaactg ggtactcacc agagactgaa 240  
 tctaccatac cttgggttttc tgggacctcc agcctccaga gctgagacat gagatcatac 300  
 aaatgctctc agagagggta cagttaagtgc aggtgccctg gggctctcca gcatttatca 360  
 gggagccccg ctacacttct gccagccttg gtttctaccc cccacctctt cccagctgtg 420  
 accctgccct ctgtgccccca ggggtgcttg ggaggaggca gcaactgcaga ccaggaacgt 480  
 gggccagcca cgggcagagc gtggccccat ctgcgtcccg tgggccagc gccatctctc 540  
 agaccccgagg ccgcccgtgtg ggagagggtgc gtggccaggc aggaggacct ctgcgtcctc 600  
 tgtttattgt tttgcagcag gaggcccaac atagaacata ctgccagta ctgggctgtg 660  
 caaacacagg gctagcgtg aagtacaaat gggaaaacgt gattcttttg ttttaaataa 720  
 atacttagaa cagcacttg ctcctacaag catctggact ctagggtctca gtactggagt 780  
 gtctcaccca tgggccccac gcaggagcgc cacggttccc tcccaccccg tgatcaagac 840  
 acggaatcgg ctgccgatgg ttggatcgca atgcgcccct tttctagagc cttccccggc 900  
 catctacagg caggatgcgg ctgggaaaaa gacaactgga atttctogaa ggttgatggg 960  
 ccgcacgggt gaggattcta cgtgggttctc ttggttcccc tgggtgtgtg gtgtgtgtgg 1020  
 aggaggccgc ggcccttaga tcaccttctt gagctcgtcg tacaggacca gcacgaaggc 1080  
 gccccccatg ccccgcagga cgttggaacca cgcacccttg aagaaggcct tgcacctctc 1140  
 atctctgaag atcttcctcc aacagtcgac ggtgcccggt tacatgatgt cagctccttt 1200  
 gcgcccggac tgcattcatca tgcgcgcgcg caccgtgtcg aaggggtagg acaccacgcc 1260  
 ggccacggcc gtcacggtct gcgcgatcat ccagctcacc acgatgtgcg tgttcttggg 1320  
 gtccggggagc atgcccttg ccgtatcgta cagccggaag taggccgccc ggtagatgat 1380  
 gatgccctgc acggagacac tgaagccctg gtacaggccc cggtatgccg cggacttggt 1440  
 gatcttcacc aggagctctc ccaggcctcg gaactcgcgc tctgtgcctg actttccac 1500  
 gtccgctgcc aggcgggttc tggcgaaatc cagcgggtac acgaagcaga gggaggctgc 1560  
 gccggccgca ccgcccggag ccagggttgc cgcaaagtac ctccagaact gcgtgtgctt 1620  
 gtccacgccc cccaggaaga tctgcttgta cttatccttg aaggcgaagt tgagggcttg 1680  
 agtggggaag tagcgaatga cgttggaag gttgccctc cagaaggaca gcacgccctg 1740  
 ctccctgggg atgcggacaa tgcaagccac gatgcccttg tactgcttgt cggcggcgat 1800  
 ctgcttgctg gcgtgctgga cctgcagcag cagcttgacc cgctcgatcg gagccacggc 1860  
 cgtcttgag atggcggcgg cgatgcctcc ggccaagaag tctttggcga aggagatggc 1920  
 ctgttccgtc atggtggcag ggccgggacg ggaacgggag gacagccgga gaacgggcgc 1980  
 ggagagtga tggagggcgt cgctggctca gccctgccgc cgccggacgc gtggg 2035



```

<210> 7640
<211> 1704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (131)...(1259)
<223> similar to gil724056 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7640
ttgacgctgc tgaatccgcc gagcaccctt ggcgtaaac cgcgggccgt caggggctgc      60
ggccccgggc tgcgccctcc cccgcggcca ggctctggag ggaccagga gctgccgccg      120
gcctcagccc atggcccga ggtatgatga gctgccgcac taccaggca tctgggatgg      180
ccccgcagcc ctggctagct tcccagagac agtgcgcgca gtaccagggc cctatggccc      240
gcaccggcct cccagcccc tgcccccagg cttggacagc gacggcctga agagggagaa      300
ggatgagatc tatggacacc cgctcttccc cctcttgccc ctgggtcttg agaaatgtga      360
actggctaca tgctctcccc gtgacggggc cggagctggg ctggggacac cccctggagg      420
tgacgtctgc tctcttgatt ccttcaacga ggacatcgct gcctttgcca agcaggttcg      480
ctctgagagg cccctcttct cctccaaccc agaactggac aatctggtga tccaggccat      540
ccaggtgctg cggttccacc tgctggagct ggagaaggct cagcacctgt gcgacaactt      600
ctgtcaccgc tacatcacct gcctcaaggg aaagatgccc atcgacctgg tcatcgagga      660
tcgggacggc ggctgcaggg aggacttcga ggactacca gcctcctgcc ccagcctccc      720
agaccagaat aatatgtgga ttcgagacca tgaggatagt gggtctgtac atttggggac      780
cccaggcca tccagtgggg gcctggcctc ccagagtggg gacaactcca gtgaccaagg      840
agacgggctg gacaccagcg tggcctctcc cagtctggtt ggagaagatg aggacttgga      900
ccaggagcga cggcgaaaca agaagagggg gatcttcccc aagggtggcca ccaacatcat      960
gcgagcctgg ttgttccagc acctctcgca cccgtacccc tcggaggagc agaagaaaca     1020
gctggcgagc gacacggggc tcaccatcct gcaagtcaac aactggttca ttaacgcccg     1080
gagacgcctc gtgcaacctc tgatcgatca atccaaccgc acagggcagg gtgcagcctt     1140
cagcccagag ggccagccca tcgggggcta taccgagacg cagccacacg tggccgctcg     1200
gcctccggga tcagtgggga tgagtttgaa cttggaagga gaatggcatt atctatagag     1260
gctgatgcag gagagaccca gcctccggct gtgaccccca gcctcacacc tgctctggtt     1320
tccgcctggg tcttccagct tcaggacccc acctccaaag gcccctctgc tcaatgccta     1380
cctccctagg gccctgctgg gacatggggg cctgagtgcc catccaaggg ctctcaagga     1440
caccggcaag gcctccaggc cctgagcccc acttctgcct tcacctctgc ctgggacccg     1500
agctgggctc ctgggacctg gtccccagaa gatggcggct agggcctcgc cgccaggaca     1560
gagaagggac ggggtggctg ggcagtcagg gaaggagggt cgcccgatc cgacattttg     1620
gagagattcc ttcactctcc tgtccccctt acctcccttc tctaattttt tctttttttt     1680
aatgataaag tcttaaaaac acgg                                     1704

```

```

<210> 7641
<211> 1440
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (364)...(1441)

<223> similar to gil724056 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7641

```
cctgcggtcc ccggtgtgtc cgtctcggaa cggttcgatt ccctccagag ccggggaagg 60
gacggggggg gccagagaa gggggcctcg ggcgccccgc ctgcgcctgc tgcccccgcc 120
ccggcggtaa tgcgtcctcg cccgtgacct ccgctggggg cgggggcccg ggtccatgcg 180
cggagtcctc acccgggccc gcgcctgccg ctaacgacgg cgggggtggg ggggcgcgcg 240
cctgacctcc tgccacaccc ctggcgtcaa caccgcgggc cgtcaggggc tgcggccccc 300
ggctgcgccc tccccgcgg ccaggctctg gagggacca ggagctgccg ccggcctcag 360
cccatggccc ggaggtatga tgagctgccg cactaccag gcatcgtgga tggccccgca 420
gccctggcta gttcccaga gacagtgccg gcagtaccag ggccctatgg ccgcaccgg 480
cctccccagc ccctgcccc aggcttgac agcgacggcc tgaagaggga gaaggatgag 540
atctatggac accgctctt cccctcttg gccctggtct ttgagaaatg tgaactggct 600
acatgctctc cccgtgacgg ggccggagct gggctgggga cccccctgg aggtgacgtc 660
tgctcctctg attccttcaa cgaggacaac actgcctttg ccaagcaggt tcgctctgag 720
aggccccctc tctcctccaa ccagaaactg gacaatctga tgatccaggc catccaagtg 780
ctgcggttcc acctgctgga gctggagaag ggaaagatgc ccatcgacct ggtcatcgag 840
gatcgggatg gcggctgcag ggaggacttc gaggactacc cagectcctg cccagcctc 900
ccagaccaga ataatatatg gattcgagac catgaggata gcgggtctgt acatttgggg 960
accccgagtc catccagcgg ggggctggcc tcccagagtg gggacaactc cagtgaccaa 1020
ggagtcgggc tggacaccag cgtggcctct cccagttctg gtggagaaga tgaggacttg 1080
gaccaggagc cacggcgaaa caagaagagg gggatcttcc ccaaggtggc caccaacatc 1140
atgcgagcct ggttgttcca gcacctctca caccggtacc cctcggagga gcagaagaaa 1200
cagctggcgc aggacacggg gcttaccatc ctgcaagtca acaactggtt cattaatgcc 1260
cggagacgca tcgtgcaacc tatgatcgat caatccaacc gcacagggca ggggtgcagc 1320
ttcagcccag agggccagcc catcgggggc tataccgaga cagagccaca cgtggccttc 1380
cgggctccag catcagtggg ggatgagttt ggaactcgga aggaggaatg gcattatcta 1440
```

<210> 7642

<211> 2404

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2043)...(665)

<223> similar to gi4092859 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7642

```
tttttttttt ttatgtactt ggcctctctc ctgacgcctc acaccattaa gcatggagaa 60
aagggaaaaa gggcaaagga agtcaaaaaa ctgaactagg attcgggcaa cagcctcagg 120
ctgccaaca gaacaggctt ttagggaaact ggacacacag accagctgtg accctgactt 180
tcacattgat ggggtgaatg caagtaggag gtaatgaaat ctggaaatga caggggagag 240
aaggcaaagc tgcctggagt gtcagtcccg gaggcatttg cccctctccc ccggggggcca 300
```

```

gccagggact tcccagttca ggaaggccac aacacttgtg gcacattaat tccgagcttg 360
gcccggcttc tttcctgtgc cctctgcctc tgtgggcagg ggaaggagga aggggtgtgg 420
cccttaggat ctccaagtgc tcttccagct cccaggagca gggctgagat cccagagtca 480
gtgcaatgaa ctgtccattc cagtgaggaa aaggaggagg gtggcttcgg gactgcacat 540
cacacacaag cccactgcag cgtggggagg gtgggcatgg gacacaaaag ggtctggggc 600
tgtctccaga cagagaagtc cttgtgggga gctgaaccgg gccaggtcc tgctcaggag 660
tcaggtcatg tagcgggtga tggcacggag ggcgtacagc agagcggctt gcatgcgcgc 720
ctccaggagc agcaagttca cgtggacctt ctctgagtgg cggaagtgcc tccagaagag 780
gttgtacatt cttcgggtgg tcttctctgg gtagcaggcc actgtcttga tatagacctt 840
gaggttccgc tccaggagct ggttcacctc cccataatca tagtcatcat atctgatgcc 900
aaagacgcag tggatatagt tccagatggc cctgcggagc acggaggtgt ccacaccact 960
gtgcatggcg atggtattgt aggtgaggct ataggctgcc tggaaacttct catccagcag 1020
ctgcccaccc tcagggtaaa gccgctggat cagcagtag ccatggtctt cccagggtata 1080
atcctggggc cggaaggtag ggggtgcctg agccccctc cgagtgaagt cctcatatcc 1140
gaaagtaggg tcttccacaa agcacagcat gtctgggtgt ggagagggtt ccaggtatgc 1200
agctgagggg gtcaccagca ggctctctga cttctccagc tcaaagcggc tctccatctc 1260
ctcctgggac gtccccctcat cccgcagcag gctctcctgc agctgctgca tgcgctccat 1320
cagcgctctc acgtcgcggg cagactcaaa gccccagag ttgttcaacg ggtccctgct 1380
tggggggctg ctctgttcac taggggtgt aggtgcctgg ggggcagggc tgccatctgc 1440
atccccctca gggaggtatg cacagccaaa cacgaaggag gagagcgagt ggcagtgggt 1500
gagcaggacc agagcctgaa tgagctcggc cagggaccaa gtgtgctcgc cggctcttcag 1560
caaggcctgg atgtgttctt tgggtgatgag ccatggccga tgcgccagca acttgttgat 1620
ctcgctgagt ttgcgcagct tctcgggggc ccggtggagg cccagcagcc actcagggtc 1680
accaccagtc tgcagaaact cggccatgtg ggagcctacc aggtagaagc actgatggcg 1740
ggcggcagcc atgatggcaa tgtagtggcg ccaggagctg gccaaaggac catccgtgtg 1800
cagcagcagg tagtgaggc gccagaagct ggtaaagtag tcagggtgca ggcccatcac 1860
cactgccagg ttgtctactc gccagagga catcagtgcc tccagcccca ggtgctgctc 1920
gaggctctca gccccctccc gaaggacctc ctccacgggg atgaaggcgc tgggccctcg 1980
agggcctcgc cgagcccggc tctcctcttg ctctctccg gggcccgagt cgcgcagcc 2040
gcccggggcg aaccgcaggt agtccttgag ctctgcgcgg cactcgagat ccgccagat 2100
catggtgcgc gccaggaccc ggtcgcggct cgccgacgac ccgtgcaccc gagtgggttt 2160
cggagggacc gcccgaaatg aagccgggac tgggcgcgc cggggagctt ctagaacccc 2220
ggggcgctcc tcggggctcc agaacgctcc ggaatccgag aacggccgct ttggtgctgg 2280
actcttcccc cagtcgggct tcgggaacgg cgaaacgct cgggggcctg ggaagggccg 2340
cagcgcaggg gttttcacgg cctcggaagt ccgcaggggc cagggtgct cccggaccca 2400
gcgc 2404

```

<210> 7643  
 <211> 3797  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2810)...(3031)  
 <223> similar to gi2970637 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7643  
 cagcagttag tcggagctct atggaggtgg cagcgggtac cgagtggcgg ctgcagcagc 60

gactcctctg	agctgagttt	gaggccgtcc	ccgactcctt	cctccccctt	ccctccccct	120
tttttttggt	ttccgttccc	ctttcccctc	ccttccctat	ccccgacgac	cggatcctga	180
ggaggcagct	gcggtggcag	ctgctgagtt	tctcggtgaa	ggtatttcat	ttctactgtc	240
ccctcccctc	cccaccccat	ctattaatat	tattcttttg	aagattcttc	gttgtcaagc	300
cgccaaagtg	gagagtgcga	ttgcagaagg	gggtgcttct	cgtttcagtg	cttcttcggg	360
cggaggagga	agtaggggtg	cacctcagca	ctatcccaag	actgctggca	acagcgagtt	420
cctggggaaa	accccgaggc	aaaacgctca	gaaatggatt	cctgcgcgaa	gcactagacg	480
agatgacaac	tccgcagcaa	acaactccgc	aaacgaaaaa	gaacgacatg	atgcaatcct	540
caggaaagta	agaggcatac	taaataagct	tactcctgaa	aagtttgaca	agctatgcct	600
tgagctcctc	aatgtgggtg	tagagtctaa	actcatcctt	aaaggggtca	tactgctgat	660
tgtggacaaa	gccctagagg	agccaaagta	tagctcactg	tatgctcagc	tatgtctgcg	720
attggcagaa	gatgcacca	actttgatgg	cccagcagca	gagggtcaac	caggacagaa	780
gcaaagcacc	acattcagac	gcctccta	tcccaaatta	caagatgaat	ttgaaaaccg	840
aactagaaat	gttgatgtct	atgataagcg	tgaaaatccc	ctcctccccg	aggaggagga	900
acagagagcc	attgctaaga	tcaagatggt	gggaaacatc	aaattcattg	gagagcttgg	960
caagcttgat	cttattcacg	aatctatcct	tcataagtgc	atccaaacac	ttttggaaaa	1020
gaagaagaga	gtccaactcc	aagatatggg	agaggatttg	gagtgcctct	gtcagataat	1080
gaggacagtg	ggacctagat	tagaccatga	acgagccaag	tccttaatgg	atcagtactt	1140
tgcccgaatg	tgctccttga	tgtaagtaa	ggaattgcc	gcaaggattc	gtttcctgct	1200
gcaggatacc	gtagagttgc	gagaacacca	ttgggttcc	cgcaaggctt	ttcttgacaa	1260
tggaccaaag	acgatcaatc	aaattcgtca	agatgcagta	aaagatctag	gggtgtttat	1320
tcctgctcct	atggctcaag	ggatgagaag	tgacttccct	ctggagggac	cgttcatgcc	1380
accaggatg	aaaatggata	gggacccact	tggaggactt	gctgatatgt	ttggacaaat	1440
gccaggtagc	ggaattggta	ctggtccagg	agttatccag	gatagatttt	caccaccat	1500
gggacgtcat	cgttcaaatc	aactcttcaa	tggccatggg	ggacacatca	tgctcccac	1560
acaatcgag	tttgagaga	tgggaggcaa	gtttatgaaa	agccaggggc	taagccagct	1620
ctaccataac	cagagtcagg	gactcttctc	ccagctgcaa	ggacagtcga	aggatatgcc	1680
acctcggttt	tctaagaaa	gacagcttaa	tgcatagtag	attagcctga	ggcctgctca	1740
gtcgttccct	atgaataaaa	atcaagtgcc	aaagcttcag	cccagataa	ctatgattcc	1800
tcctagtgc	caaccaccac	gcactcaa	accactctg	ggacagacac	ctcagcttgg	1860
tctcaaaact	aatccaccac	ttatccagga	aaagcctggc	aagaccagca	aaaagccacc	1920
accgtcaaag	gaagaactcc	ttaaactaac	tgaactgtt	gtgactgaat	atctaaatag	1980
tggaaatgca	aatgaggctg	tcaatggtgt	aagagaaatg	agggctccta	aacactttct	2040
tcctgagatg	ttaagcaaag	taatcatcct	gtcactagat	agaagcgatg	aagataaaga	2100
aaaagcaagt	tctttgatca	gtttactcaa	acaggaaggg	ataggcacia	gtgacaactt	2160
catgcaggct	ttcctgaatg	tattggacca	gtgtcccaaa	ctggagggtg	acatcccttt	2220
ggtgaaatcc	tatttagcac	agtttgagc	tcgtgccatc	atttcagagc	tggtgagcat	2280
ttcagaacta	gctcaaccac	tagaaagtgg	caccattttt	cctctcttcc	tactttgtct	2340
tcagcagtta	gctaaattac	aagatcgaga	atggttaaca	gaactttttc	aacaaagcaa	2400
ggtcaatatg	cagaaaatgc	tcccagaaat	tgatcagaat	aaggaccgca	tggtggagat	2460
tttggaagga	aagggactga	gtttcttatt	cccactcctc	aaattggaga	aggaactgtt	2520
gaagcaaata	aagttggatc	catcccctca	aaccatatat	aaatggatta	aagataacat	2580
ctctcccaaa	cttcatgtag	ataaaggatt	tgtgaacatc	ttaatgacta	gcttcttaca	2640
gtacatttct	agtgaagtaa	acccccccag	cgatgaaaca	gattcatcct	ctgctccttc	2700
caaagaacag	ttagagcagg	aaaaacaact	actactatct	ttcaagccag	taatgcagaa	2760
atttcttcat	gatcacgttg	atctacaagt	cagtgccttg	tatgctctcc	aggtgactg	2820
ctataacagc	aacttcccaa	aaggcatggt	acttgcgttt	tttgtgcact	tctatgacat	2880
ggaaattatt	gaagaagaag	ctttcttggc	ttggaaagaa	gatataaccc	aagagtttcc	2940
gggaaaaggc	aaggctttgt	tccaggtgaa	tcagtggcta	acctgggttag	aaactgctga	3000
agaagaagaa	tcagaggaag	aagctgacta	aagaaccagc	caaagcctta	aattgtgcaa	3060
aacatactgt	tgctatgatg	taactgcatt	tgacctaac	actgcgaaaa	ttcattccgc	3120
tgtaatgttt	tcacaatatt	taaagcagaa	gcacgtcagt	taggatttcc	ttctgcataa	3180
ggtttttttg	tagtgtaatg	tcttaatcat	agtctaccat	caaataattt	aggagtatct	3240
ttaatgttta	agatagtata	ttagcagcat	gcaattaatt	accatcataa	gttctcaagc	3300
agaggcagtc	tattgcaagg	accttctttg	ctgccagtta	tcataggctg	gttttaagtt	3360
agaaaactga	atagcaacac	tgaatactgt	aggaaatgca	ctttgctcag	taataactga	3420
gttggtgcaa	tatttgatta	tccatttggg	tgttacagaa	aaattcttaa	ctgtaattga	3480

tggttggtgc	cgtaatagta	tattgcctgt	atttctacct	ctagtaatgg	gctttatgtg	3540
ctagatttta	atatccttga	gcctgggcaa	gtgcacaagt	ctttttaaaa	gaaacatggt	3600
ttacttgac	aaaactgatc	agttttgaga	gatcgtaaat	gcccttgaag	tggtttttgt	3660
gggtgtgaaa	caaatgggta	gaatttgaat	tggtccctcc	tattatagta	ttgaaattaa	3720
gtctacttaa	tttatcaagt	catgttcatg	ccctgatttt	atatacttgt	atctatcaat	3780
aaacattgtg	atacttg					3797

```

<210> 7644
<211> 5800
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (581)...(2550)
<223> similar to gil098569 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7644						
cctcaggatg	cactggtgcc	agtcagcggt	actcatttta	ttccctaggg	aacagtgggt	60
ttggtagaac	tctcttctaa	atctcttttt	catagaattt	aaattataaa	ttggtcattt	120
actggtgtca	cacaatattg	cgttgctgaa	ttttccactg	attataattca	ttttatttcc	180
tcccagaact	tggtttcttg	tttttctgct	cactgtccac	accactcca	ccccagggt	240
ggaataattc	tcttgagca	aaaaaatcat	ctttttcttt	gtatttcatt	gaacgttctc	300
tttacagtgt	taggtaaacc	gctgctgcgc	gttttgccc	gcgtctcgcc	ccgtccgtct	360
cctgactggc	cgctcttgtc	cttcctcccg	ctttttcttc	tctcgtcttg	cggctctgaag	420
atgccctcgg	ccaccagcca	cagcgggagc	ggcagcaagt	cgtccggacc	gctcaccgcc	480
gtcgggtatc	tccgggagtg	aggcgccgc	gggagccggg	gccgccgcgc	cggcttctca	540
gcaccccgca	accggcaccg	gcgctgtcca	gaccgaggcc	atgaagcaga	ttctcgggggt	600
gatcgacaag	aaacttcgga	acctggagaa	gaaaaagggt	aagcttgatg	attaccagga	660
acgaatgaac	aaaggggaaa	ggcttaatca	agatcagctg	gatgccgttt	ctaagtacca	720
ggaagtcaca	aataatttgg	agtttgcaaa	agaattacag	aggagtttca	tggcactaag	780
tcaagatatt	cagaaaacaa	taaagaagac	agcacgtcgg	gagcagctta	tgagagaaga	840
agctgaacag	aaacgtttta	aaactgtact	tgagctacag	tatgttttgg	acaaattggg	900
agatgatgaa	gtgcggactg	acctgaaaca	aggtttgaat	ggagtgccaa	tattgtccga	960
agaggagtgt	tcattgttgg	atgaattcta	taagctagta	gaccctgaac	gggacatgag	1020
cttgagggtg	aatgaacagt	atgaacatgc	ctccattcac	ctgtgggacc	tgctggaagg	1080
gaaggaaaaa	cctgtatgtg	gaaccaccta	taaagtctta	aaggaaattg	ttgagcgtgt	1140
ttttcagtca	aactactttg	acagcaccca	caaccaccag	aatgggctgt	gtgaggaaga	1200
agaggcagcc	tcagcacctg	cagttgaaga	ccaggtaacct	gaagctgaac	ctgagccagc	1260
agaagagtac	actgagcaaa	gtgaagttga	atcaacagag	tatgtaaata	gacagttcat	1320
ggcagaaaaca	cagttcacca	gtggtgaaaa	ggagcaggta	gatgagtgga	cagttgaaac	1380
ggttgagggtg	gtaaattcac	tccagcagca	acctcaggct	gcatcccctt	cagtaccaga	1440
gccccactct	ttgactccag	tggctcaggc	agatcccctt	gtgagaagac	agcgagtaca	1500
agaccttatg	gcacaaatgc	agggtcccta	taatttcata	caggattcaa	tgctggattt	1560
tgaaaatcag	acacttgatc	ctgccattgt	atctgcacag	cctatgaatc	caacacaaaa	1620
catggacatg	ccccagctgg	tttgccctcc	agttcattct	gaatctagac	ttgctcagcc	1680
taatcaagtt	cctgtacaac	cagaagcgac	acaggttcct	ttggtatcat	ccacaagtga	1740
ggggtacaca	gcattctcaac	ccttgtacca	gccttctcat	gctacagagc	aacgaccaca	1800
gaaggaacca	attgatcaga	ttcaggcaac	aatctcttta	aatacagacc	agactacagc	1860

atcatcatcc	cttcctgctg	cgtctcagcc	tcaagtat	caggctggga	caagcaaacc	1920
tttacatagc	agtggaaatca	atgtaaatgc	agctccattc	caatccatgc	aaacggtggt	1980
caatatgaat	gccccagttc	ctcctgttaa	tgaaccagaa	actttaaaac	agcaaaatca	2040
gtaccaggcc	agttataacc	agagcttttc	tagtcagcct	caccaagtag	aacaaacaga	2100
gcttcagcaa	gaacagcttc	aaacagtggt	tggcacttac	catgggtccc	cagaccagtc	2160
ccatcaagtg	actggtaacc	accagcagcc	tcctcagcag	aacactggat	ttccacgtag	2220
caatcagccc	tattacaata	gtcgtggtgt	gtctcgtgga	ggctcccgtg	gtgctagagg	2280
cttgatgaat	ggataccggg	gccctgccaa	tggattcaga	ggaggatatg	atggttaccg	2340
cccttcattc	tctaacactc	caaacagtgg	ttatacacag	tctcagttca	gtgctccccg	2400
ggattactct	ggctatcaac	gggatggata	tcagcagaat	ttcaagcgag	gctctgggca	2460
gagtgagcca	cggggagccc	cacgaggtcg	tggaggggccc	ccaagaccca	acagagggat	2520
gccgcaaatg	aacactcagc	aagtgaatta	atctgattca	caggattatg	tttaatcgcc	2580
aaaaacacac	tggccagtgt	accataatat	gttaccagaa	gagttattat	ctatttggtc	2640
tccctttcag	gaaacttatt	gtaaaggggac	tgttttcatc	ccataaagac	aggactacaa	2700
ttgtcagctt	tctattacct	ggatatggaa	ggaaactatt	tttactctgc	atggttctgtc	2760
ctaagcgtca	tcttgagcct	tgcacatgat	actcagattc	ctcacccttg	cttaggagta	2820
aaacaatata	ctttacaggg	tgataataat	ctccatagtt	atgttgagtg	gcttgaaaaa	2880
ggcaagattg	acttttatga	cattggataa	aatctacaaa	tcagccctcg	agttattcaa	2940
tgataactga	caaactaaat	tatttcccta	gaaaggaaga	tgaaaggagt	ggagtgtggt	3000
ttggcagaa	aactgcattt	cacagctttt	ccagttaaat	tggagcactg	aacgttcaga	3060
tgcatacca	attatgcatg	ggctcctaata	acacatataa	ggctggctac	cagctttgac	3120
acagcactgt	tcactctggcc	aaacaactgt	ggttaaaaaac	acatgtaaaa	tgcttttttaa	3180
cagctgatac	tgtataagac	aaagccaaga	tgcaaaatta	ggcttttgatt	ggcacttttt	3240
gaaaaatatg	caacaaatat	gggatgtaat	ccggatggcc	gcttctgtac	ttaatgtgaa	3300
atatttagat	acctttttga	acacttaaca	gtttctttga	gacaatgact	tttgtaagga	3360
ttggtactat	ctatcattcc	ttatgacatg	tacattgtct	gtcactaatc	cttggaatttt	3420
gctgtattgt	cacctaattt	ggtagcagga	ctgatgaaaa	tctctagtgg	ataatcataa	3480
cactctcggt	cacatgtttt	tccttcagct	tgaagctttt	tttttaaaag	gaaaagatac	3540
caaatgcctg	ctgctaccac	cctttttcaat	tgctactctt	tgaaaggcac	cagtatgtgt	3600
tttagattga	tttccctggt	tcagggaaat	cacggacagt	agtttcagtt	ctgatgggtat	3660
aagcaaaaca	aataaaacgt	ttataaaagt	tgtatcttga	aacactgggtg	ttcaacagct	3720
agcagcttat	gtgattcacc	ccatgccacg	ttagtgtcac	aaatttttatg	gtttatctcc	3780
agcaacattt	ctctagtact	tgcacttatt	atcttttgtc	taattttaacc	ttaactgaat	3840
tctccgtttc	tcctggaggc	atttatatcc	agtataat	ccttccctta	gatgcatagg	3900
gagagtctct	aaatttgatg	gaaatggaca	cttgagttagt	gacttagcct	tatgtactct	3960
gttggaattt	gtgctagcag	tttgagcact	agttctgtgt	gcctatgaag	ttaatgctgc	4020
ttattgtctc	attctgactt	catggagaa	taatccccacc	tttaagcaaa	ggctactaag	4080
ttaatgggat	tttctgtgca	gaaattaaat	tttatttttca	gcatttagcc	caggaattct	4140
tccagtaggt	gctcagctat	ttaaaaacaa	aactattctc	aaacattcat	cattagacaa	4200
ctggagtttt	tgtcgtgttt	gtaacctacc	aaaatggata	ggctgttgaa	cattccacat	4260
tcaaaagt	tgtaggggtg	tgggaaatgg	gggatcttca	atgtttattt	taaaaataaaa	4320
taaaaataagt	tcttgacttt	tctcatgtgt	gggtgtggtg	catcatattg	gaagggttaa	4380
ccctgttact	ttggcaaatg	agttattttt	tgttagcacc	tccccttgcg	tgctttaaat	4440
gacatctgcc	tgggatgtac	cacaaccata	tgttacctgt	atcttagggg	aatggataaaa	4500
atatttgtgg	tttactgggt	aatccctaga	tgatgtatgc	ttgcagtcct	atataaaact	4560
aaatttgcta	tctgtgtaga	aaataatttc	atgacattta	caatcaggac	tgaagtaagt	4620
tcttcacaca	gtgacctctg	aatcagtttc	agagaaggga	tgggggagaa	aatgccttct	4680
aggttttgaa	cttctatgca	ttagtgcaga	tgttgtgaat	gtgtaaagggt	gttcatagtt	4740
tgactgtttc	tatgtatgtt	ttttcaaaga	attgttcctt	tttttgaact	ataatttttc	4800
tttttttggt	tattttacca	tcacagttta	aatgtatatc	ttttatgtct	ctactcagac	4860
catattttta	aaggggtgcc	tcattatggg	gcagagaact	tttcaataag	tctcattaag	4920
atctgaatct	tggttctaag	cattctgtat	aatatgtgat	tgcttgtcct	agctgcagaa	4980
ggccttttgt	ttggtcaaat	gcataattta	gcagagtttc	aaggaaatga	ttgtcacaca	5040
tgtcactgta	gcctcttggg	gtagcaagct	cacatacaaa	atacttttgt	atatgcataa	5100
tataaatcat	ctcatgtgga	tatgaaactt	ctttttttaa	acttaaaaag	gtagaatgtt	5160
attgattacc	ttgattaggg	cagtttttatt	tccagatcct	aataattcct	aaaaaatatg	5220
gaaaagtttt	ttttcaatca	ttgtaccttg	atattaaaaac	aaatatcctt	taagtatttc	5280

taatcagtta	gcttctacag	ttcttttgtc	tccttttata	tgcagctctt	acgtgggaga	5340
cttttccact	taaaggagac	atagaatgtg	tgcttattct	cagaaggttc	attaactgag	5400
gtgatgagtt	aacaactagt	tgagcagtca	gcttcctaag	tgtttttagga	catttgttca	5460
ttatattttc	cgtcatataa	ctagaggaag	tggaatgcag	ataagtgccg	aattcaaacc	5520
cttcatttta	tgtttaagct	cctgaatctg	cattccactt	gggttggttt	taagcattct	5580
aaatttttagt	tgattataag	ttagattttca	cagaatcagt	attgcccttg	atcttgtcct	5640
ttttatggag	ttaacgggga	ggaagacccc	tcaggaaaac	gaaagtaa	tgtaagggt	5700
catcttcata	cctttttcca	ttttgaatcc	tacaaaaata	ctgcaaaaga	ctagtgaatg	5760
tttaaaatta	cactagatta	aataatatga	aagtcaaaaa			5800

<210> 7645

<211> 1729

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1640)...(292)

<223> similar to gi2589011 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7645

ccctgatgca	cccacctgcc	caaaagcagt	gccgcgggac	aggcaccttg	cagagcaa	60
ttctgtgccg	agcagccttg	tggtgactgc	gacagtgaag	tccatgggtc	gggagccagg	120
ggagggcctt	gccgtgactg	tcaagtctta	ttggtgctta	taaaactgga	ggactggacc	180
tgcccttctc	acccactggg	gcctccctga	agttttacgt	gccttgcaag	cagtgcctcc	240
ccatgaagaa	agaaggcctg	agggctaggg	gccggggctg	gcctgcgtct	cagtccctggg	300
acgcagcagc	cgcacaggt	tgagaggggc	acttccctct	gcttaggttg	gtgaggatct	360
ggtcctgggt	gggcccgttg	agaaccacaa	agctctcttg	aggaaggacg	gggcctctgt	420
tctcttctac	ctggcccatc	agcagataac	tgactccttt	cttcatgggg	gggcactgct	480
tgcaaggcac	gtaaaacttc	agggaggcac	cagtgggttg	agaaggcagg	tccagtccctc	540
cagttttata	agcaccaata	agactgacag	tcacggcaag	gccctcccct	ggctcccga	600
ccatggactt	cactgtcgca	gtcaccacaa	ggctgctggc	acagaagttg	ctctgcaagg	660
tgccctgtccg	gcggcactgc	tttgggcagg	tggtgcatc	aggggctgaa	ggagattcct	720
ctgttttctc	cggaggttg	gacttggggg	gcagcttgac	tttaggctca	gttccccgtt	780
tggggccggg	cccttgccct	tctttggcag	tgccccgcgg	cagggctctg	taggaggctg	840
agaagccatc	agcggtgaca	ctgagatctg	agacgaactg	gacgaggagt	tcattccctt	900
cggaggagat	ggagcccggg	actgcgtcgc	cgcagaactt	ccccagcctc	cgggagtcgt	960
cgtcacggc	tcggttgaa	acgtgacccg	agtcatagcg	gcagtaggtg	tccggctcca	1020
ggtcaaaactt	ctcgaaggtc	agcgcgatga	cctgggtccgg	gggcgcgatg	atgtgccagg	1080
aacagctgat	gcccgggggg	taatcgga	cgggccagtt	gggcgtggtc	agggttccct	1140
gggccttctc	cagccgcccc	cgcacaaatt	ggtgctcagt	gcccagagg	gcccgcgcgc	1200
tgtaccagag	caggaagcct	cgtcctcctg	tgccctcatc	cgtcgtcatc	ctcaggggtca	1260
cctgggttgcc	gggggcgact	aggggcgag	gccggaaggt	cccacaaaag	cgtccgagcc	1320
gctggccgga	agtcccagac	ccagcgaaga	cctccagagc	atcgtagcgg	caggcgggg	1380
gcagctccag	gtcgaagact	cggaatgaga	gggacacagt	ctggccctcg	gggaccgtta	1440
tggtccagat	gcactcctta	ttaggggggt	agagggttgg	gaacccctca	cttgccacgt	1500
aacctgattc	ccccttcaca	tcccctccgc	acaggaacac	gggtctgggt	taggtggggg	1560
tctggccctg	ggcaaaaggc	agcagggcgc	aggcagtgag	gaggggcccc	aggagggagg	1620
ctgtggctgc	aggcagcatg	gccccggggg	aaaggcgctg	gggtcctcaa	gacagaggca	1680

gcagctgaat tttgcagagc agcagcagcg gtggcggcag cagcaggat

1729

<210> 7646

<211> 2480

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (143)...(1081)

<223> similar to gill136396 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7646

tttcgtggcg	ctgcggggcg	agctccggtg	caagcgagga	cacgacacat	gcagtggctt	60
ctggactgcg	cgatgactgg	acgcaagtaa	cttctaggtc	tgcagacaag	aggaagagaa	120
gatgaaggaa	gactgtctgc	cgagttctca	cgtgcccatc	agtgacagca	agtccattca	180
gaagtcggag	ctcttaggcc	tgctgaaaac	ctacaactgc	taccatgagg	gcaagagctt	240
ccagctgaga	caccgtgagg	aagaagggac	tctgatcatc	gaggggctcc	tcaacattgc	300
ctgggggctg	aggcgggcca	tccggctgca	gatgcaggat	gaccgggagc	aggtgcacct	360
ccccccacc	tcatggatgc	ccagacggcc	tagctgccct	ctaaaggagc	catcgcccca	420
gaacgggaac	atcacagccc	agggggccaag	cattcagcca	gtgcacaagg	ctgagagttc	480
cacagacagc	tgggggcccc	tggaggaggc	agaggaggcc	ccccagctga	tgcggaacca	540
gagcgacgcc	agttgcatga	gccagaggag	gccccagtgc	cgcgcccccg	gtgaggccca	600
gcgcatccgg	cgacaccggt	tctctatcaa	cggccacttc	tacaatcata	agacctccgt	660
gtttactcca	gcctatggat	ccgtgaccaa	tgtgagggtc	aacagcacca	tgacaaccct	720
gcaggtgctc	accctgctgc	tgaacaaatt	taggggtgaa	gatggcccca	gtgagttcgc	780
actctacatc	gttcacgagt	ctggggagcg	gacaaaatta	aaagactgcg	agtacccgct	840
gatttccaga	atcctgcatg	ggccatgtga	gaagatcgcc	aggatcttcc	tgatggaagc	900
tgacttgggc	gtggaagtcc	cccatgaagt	cgctcagtac	attaagtttg	aatgcccggc	960
gctggacagt	tttgttgaaa	aattaaaaga	agaggaagaa	agagaaataa	tcaaactgac	1020
catgaagttc	caagccctgc	gtctgacgat	gctgcagcgc	ctggagcagc	tgggtggaggc	1080
caagtaactg	gccaacacct	gcctcttcca	aagtccccag	cagtggcagg	tgtacactga	1140
gcccgtggtg	ctggccccgg	ccggtcacat	tgactgatgg	ccaccgctg	acgaatcgag	1200
tgectgtgtg	tctacctctc	tgaagcctga	gcaccatgat	tcccacagcc	agctcttggc	1260
tccaagatga	gcaccacacg	gaagccgacc	caggcctgag	gggccaggaa	cttgctgggt	1320
cagatctgtg	tggccagccc	tgtccacacc	atgcctctcc	tgcactggag	agcagtgtctg	1380
gcccagcccc	tgcggttag	gcttcatctg	cttgcacatt	gcctgtccca	gagcccctgt	1440
gggtccacaa	gcccctgtcc	tcttccttca	tatgagattc	ttgtctgccc	tcatatcacg	1500
ctgccccaca	ggaatgctgc	tgggaaaagc	agggcctgcc	agcaggtag	agatctagcc	1560
tgctttcagc	catcaccttg	ccacagtgtc	cccggcttct	aagcctccaa	tatcaccttg	1620
tgagcctcgc	acagctcagc	cccaacacag	aggtgagacc	aggaataagg	ccacaagtat	1680
ctcactttct	ctgcagaaat	caatctttac	ttcatcagag	agacctaaag	cgattcttac	1740
aaggagcttg	ctgcaagaaa	cacggtcatt	caatcacatt	gaggagggtc	cacatggcat	1800
tgagaggggtg	ctgcccgcgc	aatgcccagc	agcagctctg	gaaggcagtg	ctcagcccca	1860
tcaccactgt	cccgtggatg	cctgtgtacc	tcttgccctt	tctgggcttg	cgtttctctc	1920
ctctagtggg	tggggatgac	tttcaatgac	tttcaatact	tcccctgaag	gaagaatgat	1980
aaggagaaat	gtctgttttg	aggaaaaggc	tttgaattcc	ccagatactg	aacaatttgt	2040
gtttgtgact	gatggagaat	ttcaggaatg	aatgagaaaag	cctttgcgaa	actatgcaac	2100
agtttacatc	agtcatgtga	agtatttgtc	taaaacagag	caaactgaag	accaaattat	2160



tctcctgttg	agggtccgtgg	atggcagatt	taaagggaag	aaccacaaaag	gcttgcaaaag	2220
ataggagagg	ctccatctct	aatgcatgta	gaagctcctt	acgggtgccc	atcaagagca	2280
tagcttggaa	gccaccatgc	tgtgcggaac	tgcgtcaggg	caaatgtcac	agcaggattt	2340
ccccaaccca	gctccatcat	cacagacaca	gagagctgca	ggggaggcct	gccactgtt	2400
ttgtcgactc	tgccctcctc	tggcagcata	gatccttagg	tgctcaataa	agggtgtgctg	2460
tattgaactg	aaaaaaaaaa					2480

```

<210> 7647
<211> 2469
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (85)...(340)
<223> similar to gi289769 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7647						
ggcacgaggg	gggcggtccc	cagcacacta	gaggaagtcg	tgctaccccc	gcggagttgt	60
cgtgtgttct	ggattcattc	cggcaccacc	atgtcgaagg	tttcctttaa	gatcacgctg	120
acgtcggacc	cacggctgcc	gtacaaagta	ctcagtgttc	ctgaaagtac	acctttcaca	180
gcagtcttaa	agtttgcagc	agaagaatth	aaagttcctg	ctgcaacaag	tgcaattatt	240
accaatgatg	gaataggaat	aaatcctgca	cagactgctg	gaaatgtttt	tctaaaacat	300
ggttcagaac	tgcggattat	tcttagagat	cgtgttggaa	gttggttaata	tctgctactt	360
ggaacatacg	attgcctttc	agaataaata	ttggtatttt	ttgttgttgt	aaaattgaaa	420
tcaggcattt	aacatactat	gaaaacacca	ggagtcaatg	attaatgaaa	ggtgactcat	480
ctgtcccttt	ttgttgtcca	tactcttcct	atgaagaggg	aatgcgtatg	aattaaggct	540
actactgtca	cagaagatca	tagtctttga	tgctacctca	caacacaaac	aggtagttcg	600
ttgggggcaa	atgaatttag	caactgttaa	ctggaagctt	ttgataattt	tttttttag	660
aacaatttgg	aacattaaaa	tttactgaat	cgtatatatt	catctgagat	aaaaatataa	720
aaagaattat	ggaccctgga	tggcaatttg	cttgatagca	tctgatttgc	agactcataa	780
tttgattttt	aattaaatat	ataggttatg	atgaagtga	tagacatatc	agtgaacagt	840
taactatatt	aaatttttat	cattttacttt	ttttaagatt	cagacctcag	ttatataaat	900
ttcagtttaa	tatcaaccaa	aaaattaaaa	ttttaatcta	acccttatgt	gtataaattg	960
gtgtcccata	ccagctttta	atggtggacc	tatagaatcc	agtactttta	atggtgggaa	1020
tttacagtag	aagcatcctt	tgctgagtta	tacattcctt	tatcaatctc	ttttgatata	1080
acatttaaaa	caagtagctt	caagaaacca	ctggtgtttt	gaggatagta	tttctaaata	1140
gcattcagga	acagagtatt	attgcacaga	tctgaagatc	aaaaaaaaagc	tcaaggaaat	1200
acagatcgga	agtgtctgat	agttatatth	attgaaaacc	caacttttaa	ggaagtgtca	1260
agatcagtca	cccatgtgaa	taagaagcca	ggaaaggaaa	gatggggaag	cccagatcac	1320
caggcttcta	ttaaggagga	aagcaacaga	ggaaacagtg	aagggggaaca	gaagggggta	1380
gcaaagtgtt	acagaaaagc	ggactggata	gacaaaactg	cagaagggtg	atgttgggga	1440
gaactgaaag	ggaaaacaaa	atacttgaca	tagtcttaag	tagaagaagg	cagttagaga	1500
aaacaaagta	tctactggcc	ttgtcaacat	acagacttca	aaataccctt	tatgagaatc	1560
caaagaatga	tgtgtgtaag	ggaagatttt	atttgccctt	ccggaagaaa	tcagtatcta	1620
tgcaaactct	gaaagacaaa	atcaaagccc	attaatgatt	cagaatcagt	gcttgacctc	1680
ctgtattctg	aatggtgaac	tctggaagca	gggatttgtg	ctggctcttt	ttagagctgg	1740
aagtgtagtg	gctttcatta	aatacttgct	gtaaagtctt	tctaagacca	attattatct	1800
tagcatgttt	cagtatcttc	tctatcatag	gccctaagtt	cattggggga	aaaaaaataa	1860



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1389)...(532)  
<223> similar to gi4191500 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7649  
tttttttttt ttgcagaacc ttgaaataaa acatgtttta cagtaagttc acacacaggc 60  
ttaatgcaaa ccagagtaat gcacagatga ttgccaagac catattgaca aattgtgatt 120  
agattataac gcatagtagc ctgccttaca ttcagcaagt tcaaacagga cacaaaacca 180  
gtcaactgaa cacagagcag ctctcttcag aagcacttcc aatgagtgat gcagagattt 240  
caaaaatata aagcaggcaa cttatataca gcaaactctc acactgcctg gacatgtgcc 300  
acttttttgt tgtttttaat atatttttcc ttcttggttg ctaatttaga ctgaattctt 360  
aaggatttat cttgatgact tagaaaaata cacctgtcct ttctcacttt gtttcaggta 420  
gtacagtcac gaaattgagt aagtctctta aaaaaatgaa agtccacaga tcccattgtg 480  
gaaggtttca ggaacccctc cccaggtaat gatcacggga tcttcaacag ctcaaggagt 540  
gctccaacag ctccaaaata accctcgtgt tccgaaaaaa gtgctttcaa ctgccccttg 600  
gaccaataat ccaaagcata tgccaaaagc cgcattggcg tctgattaat tctcaagaaa 660  
tttccaacaa ataccacctg gttaatgttt tcattaaggg cacacattct tgctattgag 720  
ccaatgttgt tggatgaggt gatcaaagtc gctctggcca ggtcctcttt actgacagcc 780  
tctcgcttct ccttgctcat catgtttcca aagcttgaag ccacagccca gcctggcagt 840  
ccaaacctct catagtcccc tccataaata tctcgtaata gtttatccac tttggtgcta 900  
tctccacgag atgccatttc aagagcttct tcaaaagtgg tacagccagt aagaagacag 960  
cagagacca aaaaagttcc tctccaaga ctagtacctg tgaccctgtt gtaattatct 1020  
ttggaatata ctgctaagat gctaaccctt gagccaatgt tcaccagaag cagaggatac 1080  
ggatttttca aatcaaattg taacttctga cacttttcag aatcagcagg gttttcaaag 1140  
taatagcact gtgaccgtcc attgaatccg actgagtcaa tgtataaaat tcctttgatc 1200  
aagcaatcta gttcatccag ttgcaaagc tgaagatcac ctattgtgag aaaatcctgc 1260  
tcaaatttgt acgctccacc tccagtggca caaaagacag tgtggagact cgagaagttt 1320  
ttatctctgc ccatttgaat aaaagcaggc atgtcatgag tgggaaagcg tataaagtgc 1380  
agattgcctt tgcgtccaca cagagtcagg tccttcagct cgagggtgcac gtcccgaatg 1440  
cctgtagacc cataagccac attggagggtc aggtacttcc gaatgctttt aagactttcc 1500  
acttcttctt cttcttcttc agcagtgatg tctttgggtt caaaatatac cagcttgacc 1560  
agagttccac cgatatccag tccaaacccat ggaaaaagcg gccgcttttt cctcaggctt 1620  
tcgacgcgct ggcgggagac cgagggtggg ccgctgtaag agcccagtcg atcccgcctc 1680  
gtgccctcag ccgaggcccc gaccgcgggc accgacgcgc tgctcgcccc gcgcccagct 1740  
ggctcctgcc gccgcccttc ggggtccccg gccgcctgct ccccagccga cgagacggag 1800  
gtggcggaag ccctgccgtg gcgctccatg ggcgcgcga gccggccccg tcccatccgc 1860  
agcagcagtc gctgccgccc gagcaagccc cccag 1895

<210> 7650  
<211> 1943  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (1748)...(0)  
 <223> similar to gi4929691 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7650

tttttttttt	ttctttaatt	actttaatat	aaaagacagc	agtttcacat	ttcacatatt	60
tgaaaaacat	ttcaaaaccc	tctaacaagt	atttaatgaa	aataaattta	tcgaagagaa	120
acaatgacca	caaaattaat	actaccaa	cattactgag	actttttgca	ttacaatatt	180
tggagagtag	gtgaagaaaa	tatagaacag	aacatgaaca	ttttaaaatg	atattccacc	240
caagctttat	ctttttgcta	aatcttgtgg	acactagaat	atataattcaa	gatgttggtg	300
aagatattca	gcaagccata	cttcaaagat	gttaaaacag	ccctccacca	ataatatggc	360
attgcaaacc	cttctatccc	atcccttttc	agttaaaaga	gagaatatta	acagagattt	420
agtaatagtg	accaaataa	gaaatcagta	tagtcaagaa	agatatgtaa	ttattcaaca	480
tcatttggtg	cggatagatc	aatgcaactc	actaagtggg	caacattgtg	aggggagtg	540
gtaacatgat	tcagagtcct	gtgggtaaat	tcataatgaa	taattcttatt	ccaatcaatc	600
tgtaaagtaa	aagcactaca	tccacattaa	cattataaca	tcttacagta	atataaaagc	660
caaatcattg	ttggtacgtc	attttcttta	aagtgaacaa	tttaagaaaa	cttcacaaga	720
gtctgcactt	tggaaagata	cgatcagagt	acacagtaga	gacaaaacag	gcatcttcat	780
tgtaatTTTT	tttaataaat	aaaagcacat	taacaaaaaa	ggaaggtaag	cagcaccgga	840
agcctttgac	gtttgtaact	aaatgctggg	actcaaattg	tctagctggg	taagtttcac	900
taggaggcgc	aaaaaaggag	ccgtttttga	cttaacattt	taattctagt	agagataaga	960
agagcttggtg	tgggcttaca	gtccttcacc	tgactgtcct	tcaccagtga	gtagcatacc	1020
agttcttcaa	atgtcctata	ctttggaaag	cagacccgac	tctggagcac	tcgccttaat	1080
tagattctga	atttccttga	attttggatg	gtccttatca	gctaccagct	gaagcagaac	1140
agcctcactc	gtggtcacta	tgatcccggg	tcgagcgaga	cgctcgaggg	caaacatcct	1200
gtccatcatg	cttcttgatg	aggtggcatc	agcaacaatg	tgaacctcga	ctcctcggcc	1260
aactagctcc	agggcagttt	gttggatgca	cacatgagtt	tctactccaa	ataatacaac	1320
actcctgact	ccgggaatct	ctgctaatac	cgcttctact	tctggtaata	ccattgaaaa	1380
cttgggtctt	ggaagtacca	gttttacacc	tgttaaatca	atttcttgaa	ccgtgctccc	1440
aagaccttta	gggtattggt	ctgttacaa	aacaggaatt	cctaaaatcc	gggccccttg	1500
caacaatctc	tgtcccacgc	taataatatc	cccaaaatac	ttgatggctg	gtctgaacct	1560
ttcctgcata	tcacagcaga	aaaacacagt	gcttgaaggt	gtaagatttc	ccagggtagt	1620
gagctggatc	tgcagcggca	cgaggcgcac	cttgagcggc	tcgctcaccg	cgaagccctt	1680
gggcaagtcc	acgtactggc	cccactcctc	ggcgaacagc	tgacccacga	atttgcggtg	1740
catgtcgatc	tggtcgccgt	acaggctgag	gaacttctgg	atgagcagct	cgtagcccg	1800
cccggtgtgg	accgacgagg	gtcgcgcgaa	gactgagaaa	cagaagagca	ccgggactgt	1860
gcccgaaggc	gccccgcgc	ccccggcgcc	gctgttgggg	agcgcaagga	ccgcgggctc	1920
cgcagccgcc	atgttccacg	aaa				1943

<210> 7651  
 <211> 1540  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1466)...(1129)  
 <223> similar to gil710212 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7651

ttttgacttt	caaaaaagtt	tttattgtag	taaaacacaa	aattttacat	cgtgaccatt	60
taagggtata	gttcagtggc	attaagtaca	ttcaactttt	tgagcaaccg	ccatcaccat	120
tcatcatcca	tctccgtttt	tttgttttga	gatggagtct	cactctgtcg	cccagggttg	180
agtgcagtgg	catgatcttg	gctcactgca	acctcttcct	ccccagttca	agcaattctc	240
ctgcctcagc	caccaagta	tctgggatta	caggcgtgca	ccaccacgcc	cggccaattt	300
tttttttgta	tttttagtag	agatggggct	tcaccacatt	ggccaagctg	gtctcaaact	360
cctggcctca	agtgatccgc	ccgcctcagc	ctcccaaagt	gttgggataa	caggcgtgag	420
ccaccatgcc	aggccatcgt	ctcctgaact	ttttcatctg	cccaaactga	aactctgtac	480
ccattaaaca	ataactcctc	actgccccct	cctccagtcc	ctggcaaata	ccattctact	540
cctagagtac	tttcagactc	agtttcttct	ttcacttaat	aaaagacagg	gtccactgct	600
gactaatggg	attgtttgta	tatttgagg	ccttcttgca	gacatgtga	tttgagttta	660
tggcagagaa	tggtaatagg	aaatgggatt	gtacaaagaa	aagagatgga	gagaaaactg	720
gatgagggtt	tgcactggg	tgtcccaccc	acaggcctca	gcagccctgc	cacggatctg	780
cccgattctt	tgcacatcaag	aagttgatct	tgcgagccat	ttccatgttg	tagatccgcc	840
ggcacctttc	atagctttcc	ctctgtcgct	ggcggcatgg	cttctcataa	taccgccgat	900
gcttaatgtc	ctcaatgagc	ccatccatag	tgaggattct	gtttagggtc	ctgtatgcgc	960
tttccacggt	cccttcctgt	accatcacag	tcctggcgat	gaacttcaga	tgttttgcca	1020
tgaccttgga	tttaaaccct	cactctgtag	agcctaaagg	atgatggaga	aagggcgagg	1080
aaagcagaaa	gagaaacgca	acataataca	aactacaccg	cgcggttat	ttaggatttg	1140
gaaattcaac	atgctcaggg	acgcgcgaga	tggagcacat	ggaagtcatc	ctagaaagta	1200
gacgtgaatc	gttgtctctt	attctcactg	ccagtccaaa	tcctcgcata	gagaagaaaa	1260
gagatggcag	cagggcggtta	ccacaaagac	gcgtcgccgg	gcatgagaag	gacacgagcg	1320
acaaggatgc	gccacagggt	cccaaccacc	acacatagtt	ccaaaagggg	ttgagttggg	1380
agttggggaa	ggactctttg	ttggtctttg	gaaaaggggg	cgaaagcccg	caaacctgcc	1440
ctctcgccaa	ggcagccttc	ctttcccca	accctgcaca	actcctcacc	tcgcgcgctc	1500
agtacgaaat	cgtcgaccgc	ggagttccgg	agaagatcac			1540

<210> 7652

<211> 1780

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (39)...(940)

<223> similar to gi3403154 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7652

tttcgtgccc	ccggggctat	cgggcccgatg	agcgacgggc	gccggggccag	aagcggactc	60
ctagaagagg	ggagcagcaa	ggatggaatg	acagccgcgg	gccggagggg	atgctcgaaa	120
gagctgagcg	gagatcctac	agggaatacc	gaccctatga	gacagagagg	caggcagact	180
tcacagctga	gaagtttcca	gatgaaaaac	caggtgatag	gtttgatcga	gacagaccgt	240
tgagaggacg	tggaggcccg	agagggggta	tgcgcggcag	aggcagaggt	ggccctggga	300
acagagtttt	tgacgctttt	gaccagagag	gaaagcgaga	atgtgaaaga	tatggtggga	360
atgacaaaat	agcagtcaga	actgaagaca	acatgggtgg	atgtggagtt	cgaacctggg	420

gatcgggtaa	agataccagt	gatgtggagc	caactgcacc	gatggaggaa	cccacagtgg	480
tggaggagtc	ccagggcacc	ccggaagagg	agtctccagc	caaagttcct	gagttggagg	540
tagaagaaga	aacccaagtt	caagagatga	ctttagatga	gtggaaaaat	cttcaagaac	600
agaccagacc	aaagcctgag	tttaacatcc	ggaaaccaga	atccactgtt	ccttccaaag	660
ccgtggtgat	tcacaagtca	aaatacacag	atgatatggt	aaaagatgac	tatgaggacg	720
attcccatgt	tttccgga	cccgccaatg	acatcacatc	ccagctggag	attaattttg	780
gtaacctccc	tcgtcctggg	cgtggagcca	gaggaggcac	ccggggaggc	cggggaagga	840
tcaggagggc	agagaactat	ggacccagag	cagaagtggg	gatgcaagat	gttgcccca	900
accagatga	cccggaagat	ttccctgcgc	tgtcttgaaa	gagccctgtt	tcccagcacc	960
gcggagctgc	actgcacacc	tgtggggaga	cttttccagc	tgggccaagg	gagtcagact	1020
ctaagaacaa	tagatgttgc	ttttcccggtg	tcatgtaaat	ttgttgcaact	tttttgggct	1080
gagctgttag	aggggcttct	ccagaggctc	gagagcaggc	catttcccaa	gaagatgaag	1140
aatggtgact	gtgtttttat	tgaagggaatt	tcaaatagaag	aataatgttt	aaaatgtgta	1200
tatagagata	gtatagactc	ctccgcggaa	gcatggaggg	aaaggagggtt	gtaaaataga	1260
ctccatggag	actcttagga	agcagtagat	tcccgggggc	tgtgccttta	gcgttagagg	1320
aaacacatag	agctggaact	gttaatggaa	agcagtcaca	gctgagtttt	cggagaccaa	1380
gaaattaaaa	tacaattgca	cttactgttt	acttgtaa	gttatcttct	ctcctggaat	1440
atthttgagtt	ctgggttttca	cttaaccaat	catttaaaaa	tcgctattgt	gtagccactg	1500
gccaccactc	tgtgacacag	aatcagagaa	agcgttgatt	tttaatgggtg	atttaaacta	1560
cctcgtgggt	tctgtgtgtg	tgcacacaca	catctagtgt	ttgggtgggt	tttaggaaga	1620
atattaagta	tgtgacttca	aaaaccatgt	tatttaacct	gccaatcaaa	tggaaaggga	1680
tcatggcaaa	agcaaatacc	gcaccccttt	cttccgcaga	actagagtca	gagttcggca	1740
gctgcgtaca	aaggcctctg	ccctcggcct	gagcaaaagt			1780

<210> 7653  
 <211> 3190  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (93)...(2671)  
 <223> similar to gi31106 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7653						
aaattcccg	gtcgacgatt	tcgtcgccgc	catcctcggc	gcgactcgct	tctttcggtt	60
ctacctggga	gaatccaccg	ccatccgcca	ccatggtgaa	cttcacggta	gaccagatcc	120
gcgccatcat	ggacaagaag	gccaacatcc	gcaacatgtc	tgtcatcgcc	cacgtggacc	180
atggcaagtc	cacgctgaca	gactccctgg	tgtgcaaggc	gggcatcatc	gcctcgcccc	240
gggcccggga	gacacgcttc	actgataccc	ggaaggacga	gcaggagcgt	tgcatcacca	300
tcaagtcaac	tgccatctcc	ctcttctacg	agctctcgga	gaatgacttg	aacttcatca	360
agcagagcaa	ggacggtgcc	ggcttcctca	tcaacctcat	tgactcccc	gggcatgtcg	420
acttctcctc	ggaggtgact	gctgcctcc	gagtcacoga	tggcgattg	gtggtggtgg	480
actgctgtgc	aggcgtgtgc	gtgcagacgg	agacagtgtc	gcggcaggcc	attgccgagc	540
gcatcaagcc	tgtgctgatg	atgaacaaga	tggaccgcgc	cctgctggag	ctgcagctgg	600
agcccagga	gctctaccag	actttccagc	gcacgtgga	gaacgtgaac	gtcatcatct	660
ccacctacgg	cgagggcgag	agcggcccca	tgggcaacat	catgatcgat	cctgtcctcg	720
gtaccgtggg	ctttgggtct	ggcctccacg	ggtgggcctt	caccctgaag	cagtttgccg	780
agatgtatgt	ggccaagttc	gccgccaagg	gggagggcca	gttggggcct	gccgagcggg	840

ccaagaaagt	agaggacatg	atgaagaagc	tgtgggggtga	caggtacttt	gacccagcca	900
acggcaagtt	cagcaagtca	gccaccagcc	ccgaagggaa	gaagctgcca	cgcaccttct	960
gccagctgat	cctggacccc	atcttcaagg	tgtttgatgc	gatcatgaat	ttcaagaaag	1020
aggagacagc	aaaactgata	gagaaactgg	acatcaaact	ggacagcgag	gacaaggaca	1080
aagaaggcaa	acccctgctg	aaggtctgtg	tgcgccgctg	gctgcctgcc	ggagacgcct	1140
tgttgcatat	gatcaccatc	cacctgccct	cccctgtgac	ggcccagaag	taccgctgcg	1200
agctcctgta	cgagggggccc	ccggacgacg	aggctgccat	gggcattaaa	agctgtgacc	1260
ccaaaggccc	tcttatgatg	tatatattcca	aaatggtgcc	aacctccgac	aaaggctcgg	1320
tctacgcctt	tggacgagtc	ttctcggggc	tggctctcac	tggcctgaag	gtcaggatca	1380
tggggcccaa	ctatacccct	gggaagaagg	aggacctcta	cctgaagcca	atccagagaa	1440
caatcttgat	gatgggccc	tacgtggagc	ccatcgagga	tgtgccttgt	gggaacattg	1500
tgggcctcgt	gggcgtggac	cagttcctgg	tgaagacggg	caccatcacc	accttcgagc	1560
acgcgcacaa	catgcgggtg	atgaagtcca	gcgtcagccc	tgttgtcaga	gtggccgtgg	1620
aggccaagaa	cccggctgac	ctgcccaagc	tgggtggagg	gctgaagcgg	ctggccaagt	1680
ccgaccccat	ggtgcagtg	atcatcgagg	agtcgggaga	gcacatcatc	gcgggcgcgg	1740
gcgagctgca	cctggagatc	tgcctgaagg	acctggagga	ggaccacgcc	tgcattcccca	1800
tcaagaaatc	tgacccggtc	gtctcgtacc	gcgagacggt	cagtgaagag	tcgaacgtgc	1860
tctgcctctc	caagtcccc	aacaagcaca	accggctgta	catgaaggcg	cggcccttcc	1920
ccgacggcct	ggccgaggac	atcgataaag	gcgaggtgtc	cgcccgtcag	gagctcaagc	1980
agcgggcgcg	ctacctggcc	gagaagtacg	agtgggacgt	ggctgaggcc	cgcaagatct	2040
ggtgcttttg	gcccgcaggg	accggcccca	acatcctcac	cgacatcacc	aagggtgtgc	2100
agtacctcaa	cgagatcaag	gacagtgtgg	tggccggctt	ccagtgggccc	accaaggagg	2160
gcgcaactgt	tgaggagaac	atgcgggggt	tgcgcttcga	cgtccacgac	gtcacccctgc	2220
acgccgacgc	catccaccgc	ggagggggcc	agatcatccc	cacagcacgg	cgctgcctct	2280
acgccagtg	gctgaccgcc	cagccacgcc	tcatggagcc	catctacctt	gtggagatcc	2340
agtgtccaga	gcaggtggtc	ggtggcatct	acggggtttt	gaacaggaag	cggggccaacg	2400
tgttcgagga	gtcccagggt	gccggcaccc	ccatgtttgt	ggtcaaggcc	tatctgccc	2460
tcaacgagtc	ctttggcttc	accgctgacc	tgaggtccaa	cacgggcggc	caggcgttcc	2520
cccagtgtgt	gtttgaccac	tggcagatcc	tggccggaga	ccccttcgac	aacagcagcc	2580
gccccagcca	ggtggtggcg	gagacccgca	agcgcaagg	cctgaaagaa	ggcatccctg	2640
ccctggacaa	cttcctggac	aaattgtagg	cggcccttcc	tgcagcgcct	gccgccccgg	2700
ggactcgcag	cacccacagc	accacgtcct	cgaattctca	gacgacacct	ggagactgtc	2760
ccgacacagc	gacgtcctcc	tgagaggttt	ctggggcccc	ctgcgtgcca	tactcaacc	2820
ataacacttg	atgccgtttc	tttcaatatt	tatttcagaa	gtccggaggc	agcagacacg	2880
ccctcttagt	agggacttaa	tgggcccggc	ggggaggggg	aggcgggatg	ggacacccaa	2940
cactttttcc	atttcttcag	agggaaactc	agatgtccaa	actaatttta	acaaactaat	3000
tttaacaaac	gcattaagag	gtttatattg	gtacatggcc	cgcagtggct	tttgccccag	3060
aaaggggaaa	ggaacacgcg	ggtagatgat	ttctagcagg	caggaagtcc	tgtgcgggtg	3120
caccatgagc	acctccagct	gtactagtgc	cattggaata	ataaatttga	taagggtggtg	3180
aaaaaaaaaa						3190

<210> 7654

<211> 2132

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (122)...(1648)

<223> similar to gi619877 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7654
attgaacgcc tgcgatagat cgcgttaggc acgggccgac ccacgcgtcc gccactgggc      60
atctctttca aggtttctgc tgggtttctg aactgctggg tttctgcttg ctctcttgga      120
gatgcagcgt ctgttgactc cagtgaagcg cattctgcaa ctgacaagag cgggtgcagga      180
aacctccctc acacctgctc gcctgctccc agtagccac caaaggtttt ctacagcctc      240
tgctgtcccc ctggccaaaa cagatacttg gccaaaggac gtgggcatcc tggccctgga      300
ggtctacttc ccagcccaat atgtggacca aactgacctg gagaagtata acaatgtgga      360
agcaggaaaag tatacagtgg gcttggggca gacccgtagt ggcttctgct cagtccaaga      420
ggacatcaac tccctgtgcc tgacggtggt gcaacggctg atggagcgca tacagctccc      480
atgggactct gtgggcaggc tggaagtagg cactgagacc atcattgaca agtccaaagc      540
tgtcaaaaca gtgctcatgg aactcttcca ggattcaggc aatactgata ttgagggcag      600
agataccacc aatgcctgct acggtggtac tgcctccctc ttcaatgctg ccaactggat      660
ggagtccagt tcctgggatg gtcgttatgc catggtggtc tgtggagaca ttgccgtcta      720
tcccagtggt aatgctcgtc ccacaggtgg ggcggagct gtggctatgc tgattgggcc      780
caaggccctc ctggccctgg agcaggggtc gaggggaacc catatggaga atgtgtatga      840
cttctacaaa ccaaatttgg cctcggagta cccaatagtg gatgggaagc tttccatcca      900
gtgctacttg cgggccttgg atcgatgtta cacatcatac cgtaaaaaaa tccagaatca      960
gtggaagcaa gctggcagcg atcgaccctt cacccttgac gatttacagt acatgatctt     1020
tcatacacc ttttgcaaga tggccagaa gtctctggct cgctgatgt tcaatgactt     1080
cctgtcagcc agcagtgaca cacaaaccag cttatataag gggctggagg ctttcggggg     1140
gctaaagctg gaagacacct acaccaacaa ggacctggat aaagcacttc taaaggcctc     1200
tcaggacatg ttcgacaaga aaaccaaggc ttccctttac ctctccactc acaatgggaa     1260
catgtacacc tcaaccctgt acgggtgcct ggctcgctt ctgtcccacc actctgcca     1320
agaactggct ggctccagga ttggtgcctt ctcttatggc tctggtttag cagcaagttt     1380
cttttcattt cgagtatccc aggatgctgc tccaggctct cccctggaca agttggtgtc     1440
cagcacatca gacctgcaa aacgectagc ctcccgaaag tgtgtgtctc ctgaggagt     1500
cacagaaata atgaaccaa gagagcaatt ctaccataag gtgaatttct cccacctgg     1560
tgacacaaac agccttttcc caggtacttg gtacctggag cgagtggacg agcagcatcg     1620
ccgaaagtat gcccggcgtc ccgtctaaag gtgttctgca gatccatgga aagcttctctg     1680
ggaaacgtat gctagcagag cttctccccg tgaatcatat ttttaagatc ccactcttag     1740
ctggtaaatg aatttgaatc gacatagtag ccccataaag atcagcccct gtagagttag     1800
ggagccatct cctagccggg cccttcattc cctctcccat gcctgcaatc actgtcctgg     1860
gcttatggtg cctatggact aggggtcctt tgtgaaagag caagatggag caatggagag     1920
aagacctctt cctgaatcac tggactccag aaatgtgcat gcgagatcag ctgttgccct     1980
caagatccag ataaactttc ctgtcatgtg ttagaacttt attattatta atattgttaa     2040
acttctgtgc tgttcctgtg aatctccaaa ttttgtacct tgttctaagc taatatatag     2100
caattaaaaa gagagaaaaa ggaaaaaaa aa                                2132

```

<210> 7655

<211> 1464

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (729)...(1335)

<223> similar to gi757907 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



<400> 7655

```

caagcaagct gcctgctcag atggcaggga atgggggaaa acaggggagac agtttctgt      60
ttgagatggt gggagatgct tcgagtagta tatttactgg aaatagacat tcaacttgga      120
tgtccctttt tggaaatgtg cctgcgtcca gggctgggtt ggggccccat tgaactttgg      180
ctctgacaca gctgttgcca cactcaacgg aactgaatct atgtttgtct tccccggcat      240
ccttcacccc aactctcccc gccacaacat acatcccatg ccagcctggg gaccctcaaa      300
ggtggcttca tcattaggtt tgtggctggg tcctactgaa gtaagtcttg gcactcagag      360
ggataggaat tgaatgaaga catgagattc ctctgcggga ggcctctcta ggaaatctgt      420
ggactcacac gtttactaat gttgctgcag ccccgacccc accttggcct tgggcagcca      480
tactctaggg cttttgtaac ctctccatgt gaggaactca aattagacct gggtttgag      540
gcggtgctcc gagctggcct ttgggggagg ttttgtgcga ggcatttccc aagtgtctgg      600
aggatttgtt cacagacaca gagtaaaact ttgctgggct ccaagtgacc gcccatagtt      660
tattataaag gtgactgcac cctgcagcca ccagcactgc ctggctccac gtgcctcctg      720
gtctcagtat ggcgctgtcc tgggttctta cagtcttgag cctcctacct ctgctggaag      780
cccagatccc attgtgtgcc aacctagtag cggtgcccat caccaacgcc accctggacc      840
ggatcactgg caagtgggtt tatatcgcat cggcctttcg aaacgaggag tacaataagt      900
cggttcagga gatccaagca accttctttt acttcacccc caacaagaca gaggacacga      960
tctttctcag agagtaccag acccgacagg accagtgcac ctataacacc acctacctga     1020
atgtccagcg ggaaaatggg accatctcca gatacgtggg aggccaaagag catttcgctc     1080
acttgctgat cctcagggac accaagacct acatgcttgc ttttgacgtg aacgatgaga     1140
agaactgggg gctgtctgtc tatgttgaca agccagagac gaccaaggag caactgggag     1200
agttctacga agctctcgac tgcttgcgca ttcccaagtc agatgtcgtg tacaccgatt     1260
ggaaaaagga taagtgtgag ccactggaga agcagcacga gaaggagagg aaacaggagg     1320
agggggaatc ctagcaggac acagccttgg atcaggacag agacttgggg gccatcctgc     1380
ccctccaacc cgacatgtgt acctcagctt tttccctcac ttgcatcaat aaagcttctg     1440
tgtttggaac agctaaaaaa aaaa

```

<210> 7656

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (746)...(161)

<223> similar to gil741870 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7656

```

tttttttttag accaacattc tttaatcaca aaggcacttg aggacccta caaacccaaa      60
gtctctgcca agagtggccc tgcagacgcc ccacctgcca ccctccatcc acccatccat      120
ccacacactc agagttcatc gtgacctgca gagggctcca cactaggctt gatgaagatg      180
ccttccatgg ccttccacgt attgtgctgt ttggcacttg gcatgccgtg gacctcatgc      240
tgcccacgga tggggcttcc atactgctca cccgtgactg acaggaacac agaggtgccc      300
acatgctgga agcgcacagc agcctcacgc tccagtgct gtccagagca gcgcactgtc      360
cataggtcca ggtcgtcgcc ctgcgcgtct tccccaaagg cactcacctc ctggttgttg      420
gacagcgggc acgggaagtg gtgcgtgtgc aggttcttgc ccgtaagcac atgcgtgagc      480
ctacccgctt gcccgacgag caccggggac ccgcgcgggc acccgccctc cgagccgccc      540
cggatccgcc agtagctatt ggcgtcgtcc gacgcctcta cgccggtcac cgattgctgg      600

```

ccgctgccgg	atccgtatatt	gatgtcgtgc	gagtgcagcc	gcacgcggtg	gtgcgtattg	660
agcagcttca	gcaccgaccc	gcaggtcacg	agctccgcac	cggctcttggc	ggcaccaccg	720
cccggcacta	acagcgccag	cagcagcccc	aacagcaccg	gccaggcagc	cccgcgcg	780
cccgcgctcc	acatcgcccc	g				801

```

<210> 7657
<211> 1591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1542)...(146)
<223> similar to gi4323640 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7657						
tttttttttt	ttgccaattc	agttctttac	tggagtggaa	gggctgggga	cacaactcct	60
ttatgaaagg	aaaccgaggg	ccacatctcg	ggccccaatc	tggggcggtc	aatccagccg	120
ctgctccggg	gcggcttggt	ctcaggccac	tctcttccct	gggcggcccc	ggccccggcc	180
tgcgccacca	tcccgggaag	cccctctggg	ccccgcctg	gcctgggctc	cctgggactt	240
gtccttggtc	ttgggaaact	tctggtcaca	aaggcgaccc	ctgcctcgat	ccatttccca	300
ccgcttccgc	ttccgcctcg	gagacttggt	aagccgtttc	tgcttggcct	cggggaacag	360
gtcctcactg	ggcgctcgc	ccaccgcctg	gcagaaatac	tcgatgtcat	catcttcctg	420
ttcatcatcg	tcctcaccca	actccaggct	cgccgtcctt	gaagggatcc	cagaggcctc	480
ttcatcacta	cccccgaccc	gtgccttctt	catgccctcc	aggctcttct	ttctgtgggc	540
ctcccgtgc	tcctgcttgc	gctgcacatt	ctgggcctgc	tgggcctgcc	tctgcgcctt	600
cagccgcagc	ttcttctcct	tggcttccag	gatggcctgc	agctcctcct	ccgtcttgct	660
cacaaaactg	tggaaacatca	ctttgccctc	cccgcgccc	tcctggacct	tgatgagctg	720
cagtgtcatc	cgcgggcccga	tctcggtgag	ccgcactgca	ctctgctggg	cccgcagtgt	780
gccacggcca	gcgacagcct	gaggcagctc	tgtgatgttg	tggtcgccgt	caggctctgc	840
ctcgctctcc	gacagccccg	cgcccgtggc	cagcagctcg	ctgatgtcct	gcaggcggct	900
catgttgggg	aacttctcct	ggagcagctt	cttcatcccg	cgactcgcgc	ccacaggaac	960
aactttgatg	ctatagtggc	ggaagtccag	ctcctgggag	tcggggttgt	agtcgatgag	1020
gaggcagcgc	ttgatggtgt	tcagggtcac	cttgtgcacg	ttgatggagg	ggaacagggt	1080
ctggaacatg	gtggccatga	gcttcacatg	cataccatgg	gggccaagc	tggtgagtac	1140
caggaggggt	gggtgggcaa	actgctgctc	gtgcatgcgg	tgccggcgca	gtgaggagac	1200
cacatcacgc	accagcgagt	acttcttcac	ctggaagggt	aagggtgggg	ctcctgggag	1260
gcgcatcagc	ttaaagtaga	catttgtctc	tgttttgctc	aggatcagaa	agtgtgtgac	1320
cccagggggc	ccagccactg	ccacgcagtc	cttcagcgag	ttcttcttac	gaacctgcag	1380
acggctggca	gtgagcggct	ccatgacccg	ccgcacgtcc	aggctgagct	gccggatgtt	1440
gcgacccgtg	cagcctcgcg	tgaacacgaa	cgagtgcggg	ttcgcgcat	aggcctcgag	1500
gttgcggagc	tgcgcctggg	cgcgggcgcg	cttctggtgc	cgggacctcc	ctgactgtcc	1560
catgctgctg	tgtcctccac	gaggcacgaa	a			1591

<210> 7658

<211> 3738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (356)...(1577)  
 <223> similar to gi5459205 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7658

tttcgtggat	gaaggaggct	gtgcctccgg	gttgacagaa	gagtccgagt	catttctcag	60
aaggttttga	taggtgggccc	ttagaggaga	cgccgccgag	caccgcaaga	actggaaaac	120
acacccctct	ctgtctgcct	gggagagcca	cggaattgg	cacttctctg	agtgaagctg	180
aggagaaggc	tgtaaatctg	ccaaaacagc	cttgaagtat	tcttttgtca	tgaggaagtg	240
acggctgctg	gagggaggtg	aacaccacaa	ggagagatgg	catctggcct	gggccccgcc	300
tagcagcagc	tccacctcct	aggccaggcc	ctgtgggatg	cgccactaga	ccaccatgga	360
cggatcccac	agcgcagccc	tgaagctgca	gcagctgcct	cccacaagta	gctccagcgc	420
cgtaagcgag	gcctccttct	cctacaagga	aaacctgatt	ggcgccctct	tggcgatcct	480
cgggcacctc	gtggtcagca	ttgcacttaa	cctccagaag	tactgccaca	tccgcctggc	540
aggetccaag	gatccccggg	cctatttcaa	gaccaagaca	tggtggctgg	gcctgttcct	600
gatgcttctg	ggcgagctgg	gtgtgttcgc	ctcctacgcc	ttcgcgccgc	tgtcactcat	660
cgtgccccctc	agcgcagttt	ctgtgatagc	tagtgccatc	ataggaatca	tattcatcaa	720
ggaaaagtgg	aaaccgaaa	actttctgag	gcgctacgtc	ttgtcctttg	ttggctgcgg	780
tttggtgtgc	gtgggtacct	acctgctggg	gacattcgca	cccaacagtc	acgagaagat	840
gacaggcgag	aatgtcacca	ggcacctcgt	gagctggcct	ttccttttgt	acatgctggg	900
ggagatcatt	ctgttctgct	tgtgtctcta	cttctacaag	gagaagaacg	ccaacaacat	960
tgtcgtgatt	cttctcttgg	tggcgttact	tggctccatg	acagtgggtga	cagtcaaggc	1020
cgtggctggg	atgcttgtct	tgtccattca	agggaaacctg	cagcttgact	accccatctt	1080
ctacgtgatg	ttcgtgtgca	tggtggcaac	cgccgtctat	caggtgcgt	ttttgagtca	1140
agcctcacag	atgtacgact	cctctttgat	tgccagtgtg	ggctacattc	tgtccacaac	1200
cattgctatc	acagcagggtg	caatatttta	cctggacttc	atcggggagg	acgtgctgca	1260
catctgcatg	tttgactggg	ggtgcctcat	tgcattcttg	ggcgtcttct	taatcacgcg	1320
taacaggaag	aagcccattc	catttgagcc	ctatatattcc	atggatgcca	tgccagggtat	1380
gcagaacatg	cacgataaag	ggatgactgt	ccagcctgaa	cttaaagctt	ctttttccta	1440
tggggctctg	gaaaacaatg	acaacatttc	tgagatctac	gctcctgcca	ccctgccagt	1500
catgcaagaa	gagcacggct	ccagaagtgc	ctctggggtc	ccctaccgag	tcctagagca	1560
caccaagaag	gaatgagact	cgcctccctc	tatttataac	tgtcccctcc	aggctgacag	1620
tggttcaacc	ctgaatccta	aaacttgcc	ttcaagtctc	attttgtttc	taactgagaa	1680
ctctatggat	gatgatctca	aaaagccttt	gtctctggga	aaggatgcgt	tatcttggtc	1740
ttggaaattt	caaagtatga	gggttggggg	atggaagcat	tattccaggt	ggacgggata	1800
gaatccagcc	tctgcctgga	ttagcccagg	gggatttgga	aagcctttct	accatccttg	1860
aggatggtaa	ctgagcttcc	tctgacagtg	accaaaggat	gctgtatcct	tcagagctaa	1920
ggcaagacag	agagtctgct	gttaattctc	aaatccagcg	aaaggctgga	catctctaaa	1980
tctcgtcttc	ctccacctca	tgtgcatgcc	tgatctcacc	ctgacactcc	tgatgccgca	2040
tctgtgatag	cactcgtgtt	gccttcacat	ggcaggctgg	gccaaccctg	ggtgggaagg	2100
ttctgacatt	gtgtttttca	gaaatgtaca	tctgccttcc	agtcactctg	gcccttctag	2160
ggaagatgtg	cttgatatgt	tcaaattgga	tctactctga	aaacgaaact	tggttttggg	2220
cctgtgagga	ctacttgttt	gtccacctcc	tccaccaaag	gaattaggaa	gttaagagaa	2280
ggggaagaat	atggaggata	ggagaggggtg	atgatgcttt	agccatttaa	ggaagaaaag	2340
ttccccttac	tcttacaata	ggggattgca	ccacttaaaa	aaggataggt	agaaaatctg	2400
gccattttat	gtgttatatt	ttttcctgca	taccagtgcc	ccctggaaaag	atggggatgc	2460
tcatttcaga	gacagcctct	tcacctgtcc	tccgtctctc	cattacagag	ccacaagcca	2520
agcttgagtt	actggttaat	ttccttgaag	tcaatagaga	ctctctgggt	cctcatcccc	2580

00433752.013100

```

atgcatatat gtctgggaga agcaagcatt ctccaaaaca gggctgttgc tttcttcctg 2640
gccgcatatg tgactgtctt cccctagact gatggtatac ttttgagagg ggcggataaa 2700
ggtttgcaaa ctttaatggg cataaggatc ccctagaagc atatgtaaaa tgcagattcc 2760
tgcaccccaa ctgcagacac tgttaagtgg gactggagtg gggcccacgg gtctgcattc 2820
ttaactggta ccaccagtga ttctgatgcg atgcttcaat cccgagattt cacatctgga 2880
aagcctaaga atttacaaag atgttctgct aaaaccccca gggcccatg cagtcttgct 2940
agaaaatttc ctccctaggg ttcccttgga aggttaaata ctcccatag gatctgtggc 3000
atttctccat ccaatgaata ctacttagag ctacactcac cacttcccta gacagccttt 3060
aataggcatg ataacagtgt taatagacca gtgtgataga tcacttatct ttatggattg 3120
tgcttaatac tgatttagta tcttgactcc aaaaactgac atctgttgtc tgtgataacc 3180
acttctgtat tgcgtcttaa ccacttctgt attgtgtggt cttaactgcc taaggcggca 3240
atgggcagtg ggcccctttc ccttaggatg ggtatcaatt caacaatatt tataaggcat 3300
ttactgtgtg ctaagcattt ggaagaccca ggctacaaaa taagacatag ttcttgccct 3360
ccaggccagc agagggaggg acaaatatccc aggaatctct gatgggtgtg aagtgcggtc 3420
gtgggccaca gaaaatgacc gtcatgggag accctgctaa aggtcggacc ctgagcccaa 3480
aggggtattc agaagtggag atgatttttg cccactcat agatgggtgg caaatctaa 3540
atgtgtataa agcatataaa ataggggtgat caccoccgag gcagaggggc cagcatttgc 3600
aaaggcacag agctaagagg agctgggcaa agaaaggaaa gccaggggag gttggtggga 3660
gatgagtctc aaagctaagt agtggaagct gggcacagtg gctcatgcct gcaatcccag 3720
cacttttggg aggccaag 3738

```

```

<210> 7659
<211> 1963
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (307)...(728)
<223> similar to gi671531 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7659
tttcgtgcgg cagcgcgcca gagactggcg ggcagctccg cccgcggccg ggatgcacta 60
ggcaaagcca gctgggctcc tgagtccggt gggtaacttg agaacttact acgtctagct 120
ggaggattgt aaatgcacca atcagcatgc tgtgtctagc tcaagaactc aagctccatg 180
aggagatggt tcattgtcga gagcagtcac gatggcctgc actccacaca atgcaacaga 240
gtgaaagagc aggttctgct tctttggtgt agtcctgaag cttcctaaga aacttcacat 300
caggtgatgg ataggagcaa ccctgtaaaa ccagccttag actatttttc aaacaggctg 360
gtgaattacc agatctccgt caagtgcagt aaccagttca agttggaagt gtgtcttttg 420
aatgcagaaa acaaagtcgt ggacaaccag gctgggaccc agggccagct gaagggtgctg 480
ggtgccaacc tctggtggcc gtacctgatg cacgaacacc ccgcctacct gtactcgtgg 540
gaggatggtg attgctcaca ccaaagcctt ggaccctcc cagcctgtga cttttgtgac 600
caactccacc tacgcagcag acaagggggc tctgtatgtg gatgtgatcc gtgtgaacag 660
ctactactct tggatcgca actacgggca cctggagttg attcagctgc agctggccgc 720
ccagtttgag aattggtgta agacatcaca atcccattat tcagagcgcg tatggagtgg 780
aaacgcttgt agggcttcac cagtctttcc cagggaactc cgatgaagtg ttccaacaaa 840
atgagcgagt gaaccaagaa gaggatgaca ttagatccag gagatacaac agaggagata 900
atctccagga tgctgtgaa gaaagatccc tggatcccag gatgattata ggacaagttg 960
ttcataatcc agcaggccag aagacttcca gggaaactca ttcaaggagg tgaaaatgat 1020

```

```

ggatgactcc tccaagatga aaatggacca gccgcagtgg ctcacgcctg taataaccagc 1080
actttgggag gctgaggcag gcggatcact tgagcacagg agtttgaaac tagcctggcc 1140
aacgtggcaa aactccatct ctattaaaaa tacaaaaatt agccaggcat agtgggtgcat 1200
gcctgtagtc ccagctactt gggatgctga ggcaggaaga attgcttgaa cctgggaggc 1260
agagtctgca gtgagctgtg atcaggccat tgcattccag cctgggtgac agagtgagac 1320
catcacaaaa aaaaaaaaaa aaacaaataa ataaataaat aaataaataa ataaataaaaa 1380
aatctggacc tcccaccaag ggtgggaaac atcagaaaagc tcagaggacc acacctgccc 1440
gttcacctgt cctgggctcc tgctgaagcc agggctacca gatgggggca aaagacctcc 1500
cttacgcaag tcccaaacca ccattacctc ccacgagtac agggaggcgg ggtgttcgtg 1560
catcaggtag ggccaccaga ggttggcacc cagcaccttc agctggccct gggccccagc 1620
ctgggtgtcc acgactttgt tttctgcatt caaaagacac acttccaact tgaactggtt 1680
actgcacttg acggagatat ggtaattcac cagcctgttt gaaaaatagt ctaaggctgg 1740
ttttacaggg ttgtccttat ccatcacctg atgtgaagtt tcttaggaag cttcaggact 1800
acaccaaaga agcagaacct gctctttcac tctgtttcat tgtgtggagt gcaggccatc 1860
atgactgctc tcttgagcta gacacagcat gctgatttgt gcatttacia tcctccagct 1920
agacgtagta agttctccaa gtaccaccag gccacgcgt ccg 1963

```

```

<210> 7660
<211> 907
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (37)...(779)
<223> similar to gil90508 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7660
tgcagagttg ggagtgactc cagagcctcc agcgagatgc tgctgattct gctgtcagtg 60
gccctgctgg ccctgagctc agctgagagt tcaagtgaag atgtcagcca ggaagaatct 120
ctcttcctaa tatcaggaaa gccagaagga cgacgcccac aaggaggaaa ccagccccaa 180
cgtcccccac ctctccagg aaagccacaa ggaccacccc cacaaggagg aaaccagtcc 240
caagggtccc cacctcctcc aggaaagcca gaaggacgac cccacaagg aggcaaccag 300
tccaagggtc cccacctca tccaggaaag ccagaaagac cccccccaca aggaggaaac 360
cagtcccaag gtaccccacc tctccagga aagccagaag gacgaccccc acaaggaggc 420
aaccagtccc aagggtcccc acctcctcca ggaaagccag aaagaccacc cccacaagga 480
ggtaaccagt cccaccgtcc cccacctcct ccaggaaagc cagaaagacc acccccacaa 540
ggaggcaacc agtcccaagg tccccacct catccaggaa agccagaaag accacccccca 600
caaggaggca accagtccca cgtccccca cctcctggaa agccacaagg cccacccccca 660
gcaggaggca atccccagca gcctcaggac cctcctgctg gaaagcccca ggggccacct 720
ccacctctc aagggggcag gccaccaga cctgccagg gacaacagtc tcctcagtaa 780
tctaggattc aatgacagga agtgaataag aagatgacag tgtttcaaat gccttgaaac 840
ataatgtgat catgtcttaa cttcaatata ccaataaaat aatcagcttg caatttcaaa 900
aaaaaaa 907

```

<210> 7661  
 <211> 5812  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (107)...(5463)  
 <223> similar to gi2398621 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7661

tttatagcag	cagcagaaat	ataccaccct	agaggacaca	cctcctttta	gctaggtacc	60
tataaatgtc	caggattttc	tattcaattg	agaagaaccc	agcaaaatgg	ggatctccac	120
agtcattcct	gaaatgtgtc	ttttatgggg	acaagttcta	tctacaggtg	ggtggatccc	180
aaggactaca	gactacgctt	cactgattcc	ctcggaggtg	cccttggatc	aaactgtagc	240
agaaggttct	ccatttccct	cggagtcgac	cctggagtca	actgcagcag	aaggttctcc	300
gatttccctg	gagtcaaccc	tggagtcaac	tgtagcagaa	ggttctctga	ttccctcaga	360
gtcaaccctg	gagtcaactg	tagcagaagg	atctgattct	ggtttggccc	tgaggctggt	420
gaatggagat	ggcaggtgtc	agggccgagt	ggagatccta	taccgaggct	cctggggcac	480
cgtgtgtgat	gacagctggg	acaccaatga	tgccaacgtg	gtctgtaggc	agctggggtg	540
tggctggggc	atgtcagctc	caggaaatgc	ctggtttggc	cagggtctcag	gacccattgc	600
cctggatgat	gtgcgctgct	caggacacga	atcctacctg	tggagctgcc	cccacaatgg	660
ctggctctcc	cataactgtg	gccatggtga	agatgctggt	gttatctgct	cagctgcccc	720
gcctcagtca	acactcaggc	cagaaagttg	gcctgtcagg	atatcaccac	ctgtacccac	780
agaaggatct	gaatccagtt	tggccctgag	gctggtgaat	ggaggcgaca	ggtgtcgagg	840
ccgagtggag	gtcctatacc	gaggtccctg	gggcaccgtg	tgtgatgact	actggggcac	900
caatgatgcc	aatgtggtct	gcaggcagct	gggctgtggc	tgggccatgt	cagccccagg	960
aaatgcccag	tttggccagg	gctcaggacc	cattgtcctg	gatgatgtgc	gctgctcagg	1020
acacgagtcc	tacctgtgga	gctgccccca	caatggctgg	ctcaccacac	actgtggcca	1080
tagtgaagac	gctggtgtca	tctgctcagc	tccccagctc	cggccgacac	ccagcccaga	1140
tacttggccg	acctcacatg	catcaacagc	aggacctgaa	tccagtttgg	ccctgaggct	1200
ggtgaatgga	ggtgacaggt	gtcagggccg	agtggaggtc	ctataccgag	gctcctgggg	1260
caccgtgtgt	gatgatagct	gggacaccag	tgacgccaat	gtggtctgcc	ggcagctggg	1320
ctgtggctgg	gccacgtcag	ccccaggaaa	tgcccggttt	ggccagggtt	caggacccat	1380
tgtcctggat	gacgtgcgct	gctcaggcta	tgagtcctac	ctgtggagct	gccccacaaa	1440
tggctggctc	tcccataact	gtcagcacag	tgaagacgct	ggtgtcatct	gctcagctgc	1500
ccactcctgg	tcgacgcccc	gtccagacac	attgccgacc	atcaccttgc	ctgcatcgac	1560
agtaggatct	gaatccagtt	tggccctgag	gctggtgaat	ggaggtgaca	ggtgtcaggg	1620
ccgagtggag	gtcctatacc	aaggctcctg	gggcaccgtg	tgcgatgaca	gctgggacac	1680
caatgatgcc	aatgtcgtct	gcaggcaacc	gggctgtggc	tgggccatgt	cagccccagg	1740
aaatgcccgg	tttggtcagg	gctcaggacc	cattgtcctg	gatgatgtgc	gctgctcagg	1800
acacgagtct	taccctgtgga	gctgccccca	caatggctgg	ctctcccaca	actgtggcca	1860
tagtgaagac	gctggtgtca	tctgctcagc	tccccagctc	cggccaacac	ctagtccaga	1920
cacttggcca	acctcacatg	catcaacagc	aggatctgaa	tccagtttgg	ccctgaggct	1980
ggtgaatgga	ggtgacaggt	gtcagggccg	agtggaggtc	ctataccgag	gctcctgggg	2040
caccgtgtgt	gatgactact	gggacaccaa	tgatgccaat	gtggtttgca	ggcagctggg	2100
ctgtggctgg	gccatgtcag	ccccaggaaa	tgcccggttt	ggccagggtt	caggacccat	2160
tgtcctggat	gatgtgcgct	gctcaggaca	tgagtcctat	ctgtggagct	gccccacaaa	2220
tggctggctc	tcccacaact	gtggccatca	tgaagacgct	ggtgtcatct	gctcagcttc	2280
ccagtcccag	ccgacaccca	gcccagacac	ttggccaacc	tcacatgcat	caacagcagg	2340
atctgaatcc	agtttggccc	tgaggctggt	gaatggaggt	gacaggtgtc	agggccgagt	2400
ggaggtccta	taccgaggct	cctggggcac	cgtgtgtgat	gactactggg	acaccaatga	2460
tgccaatgtg	gtttgcaggc	agctgggctg	tggctggggc	acgtcagccc	caggaaatgc	2520

ccggtttggc	caggggttcag	gacccattgt	cctggatgat	gtgcgctgct	caggacatga	2580
gtcctatctg	tggagctgcc	cccacaatgg	ctggctctcc	cacaactgtg	gccatcatga	2640
agacgctggt	gtcatctgct	cagcttccca	gtcccgccg	acacccagcc	cagacacttg	2700
gccaacctct	cgtgcatcaa	cagcaggatc	tgaatccact	ttggccctga	gactggtgaa	2760
tggaggtgac	aggtgtcgag	gccgagtggg	ggctctatac	caaggctcct	ggggcaccgt	2820
gtgtgatgac	tactgggaca	ccaatgatgc	caacgtggtc	tgcaggcagc	tgggctgtgg	2880
ctgggccatg	tcagccccag	gaaatgcccc	gtttggccag	ggctcaggac	ccattgtcct	2940
ggatgatgtg	cgctgctcag	gacacgagtc	ttacctgtgg	agctgcccc	acaatggctg	3000
gctctccac	aactgtggcc	atcatgaaga	tgtgtgtgtc	atctgctcag	ctgctcagtc	3060
ccagtcaacg	cccaggccag	atacttggct	gaccaccaac	ttaccggcat	tgacagtagg	3120
atctgaatcc	agtttggctc	tgaggctggt	gaatggagggt	gacaggtgtc	gaggccgagt	3180
ggaggtcctg	tatcgaggct	cctggggaac	cgtgtgtgat	gacagctggg	acaccaatga	3240
tgccaatgtg	gtctgcaggc	agctgggctg	tggctggggc	atgtcggccc	caggaaatgc	3300
ccggtttggc	cagggctcag	gacccattgt	cctggatgat	gtgcgctgct	cagggaatga	3360
gtcctacctg	tggagctgcc	cccacaaagg	ctggctcacc	cacaactgtg	gccatcacga	3420
agacgctggt	gtcatctgct	cagccaccca	aataaattct	actacgacag	attggtggca	3480
tccaacaact	acaaccactg	caagaccctc	ttcaaattgt	ggtggcttct	tattctatgc	3540
cagtgggaca	ttctccagcc	catcctaccc	tgcatactac	cccaacaatg	ctaagtgtgt	3600
ttgggaaata	gaagtgaatt	ctggttatcg	cataaacctg	ggcttcagta	atctgaaatt	3660
ggaggcacac	cataactgca	gttttgatta	tgttgaaatc	ttgatggat	cattgaatag	3720
cagtctcctg	ctggggaaaa	tctgtaatga	taccaggcaa	atatttacat	cttcttacia	3780
ccgaatgacc	attcactttc	gaagtgcacat	cagtttccaa	aacactggct	ttttggcttg	3840
gtataactcc	ttcccaagcg	atgccacctt	gaggttggtc	aatttaaatt	catcctatgg	3900
tctatgtgcc	gggctgttag	aaatttacca	tgggtggacc	tgggggacag	tttgtgatga	3960
ctcctggacc	attcaggaag	ctgaggtggt	ctgcagacag	ctaggggtgtg	gacgtgcagt	4020
ttcagccctt	ggaaatgcat	attttggctc	tggctctggc	cccatcacc	tggacgatgt	4080
agagtgtcca	gggacggaat	ccactctctg	gcagtgcgcy	aaccgaggct	ggttctccca	4140
caactgtaat	catcgtgaag	atgctgtgtg	catctgtcca	ggaaaccatc	tatcgacacc	4200
tgtccctttt	ctcaacatca	cccgtccaaa	cacagattat	tctgcyggag	gcttctctatc	4260
ccaaccatca	ggggacttgt	ccagcccatt	ctatcccggy	aactatccaa	acaatgccaa	4320
gtgtgtgtgg	gacattgagg	tgcaaaaaca	ctaccgtgtg	actgtgatct	tcagagatgt	4380
ccagcttgaa	ggtggctgca	actatgatta	tattgaagtt	ttcgatggcc	cctaccgcag	4440
ttccctctct	attgctcgag	tttgtgatgg	ggccagaggy	tccttcaact	cttccctccaa	4500
cttcatgtcc	attcgcttca	tcagtgaaca	cagcatcaca	aggagaggggt	tccgggctga	4560
gtactactcc	agtccctcca	atgacagcac	caacctgtct	tgtctgccaa	atcacatgca	4620
agccagtgtg	agcaggagct	atctccaatc	cttgggcttt	tctgccagtg	accttgccat	4680
ttccacctgg	aatggatact	acgagtgtcg	gccccagata	acgcggaacc	tgggtgatatt	4740
cacaattccc	tactcaggct	gcggcacctt	caagcaggca	gacaatgaca	ccatcgacta	4800
ttccaacttc	ctcacagcag	ctgtctcagg	tggcatcatc	aagaggaggga	cagacctccg	4860
tattcacgtc	agctgcagaa	tgtttcagaa	cacctgggtc	gacaccatgt	acattgctaa	4920
tgacaccatc	cacgttgcta	ataacaccat	ccaggtcgag	gaagtccagt	atggcaattt	4980
tgacgtgaac	atttcccttt	atacttccct	atctttcttg	tatcctgtga	ccagccgccc	5040
ttactacgtg	gacctgaacc	aggacttgta	cgttcaggct	gaaatccctc	attctgatgc	5100
tgtactgacc	ttgtttgtgg	acacctgcgt	ggcatcacca	tactccaatg	acttcacgtc	5160
tttgacttat	gatctaatec	ggagtggatg	cgtaggggat	gacacctacg	gacctactc	5220
ctcgccgtct	cttcgcattg	cccgttccg	gttcaggggc	ttccacttcc	tgaaccgctt	5280
ccctccgtg	tacctgcgtt	gtaaaatggt	ggtgtgcaga	gcgtatgacc	cctcttcccg	5340
ctgctaccga	ggctgtgtgt	tgaggctcgaa	gagggatgtg	ggctcctacc	aggaaaagggt	5400
ggacgtcgtc	ctgggtccca	tccagctgca	gaccccccca	cgccgagaag	aggagcctcg	5460
gtaggtggte	gctctcagac	cccactgtcc	accggggcgc	agacccctga	ctcggggact	5520
tgggatgttc	ctcttggtgt	catattccaa	ctcagattga	gccctacatt	gtgctgcacc	5580
tggtcatacg	gagttgaatc	agacctgggt	ccgcctccc	ccaaggctca	tggtecttgg	5640
aggacctggt	gcagggtgag	gtcaagagag	ttctgacctg	gatggcccat	agacctgacg	5700
tcccagaatc	catgcttctc	atctgcaaaa	tgaaaatgtc	aatacttact	tcttagcact	5760
gttgagaggg	ttactttacat	aaaggaattt	tggtgaaact	gcaaaaaaaaa	aa	5812

<210> 7662  
 <211> 2393  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (52)...(2154)  
 <223> similar to gi35792 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7662

gaccagaccg	gccccccga	gactatagcc	ttcactttcc	ctcgggtccac	catggagccc	60
ttgtgtccac	tcctgctggt	gggttttagc	ttgccgctcg	ccagggctct	caggggcaac	120
gagaccactg	ccgacagcaa	cgagacaacc	acgacctcag	gccctccgga	cccgggcgcc	180
tcccagccgc	tgtgtggcctg	gctgctactg	ccgctgctgc	tcctcctcct	cgtgctcctt	240
ctcgccgcct	acttcttcag	gttcaggaag	cagaggaaag	ctgtgggtcag	caccagcgac	300
aagaagatgc	ccaacggaat	cttgaggag	caagagcagc	aaaggggtgat	gctgctcagc	360
aggtcacccct	cagggcccaa	gaagtatttt	cccatccccg	tggagcacct	ggaggaggag	420
atccgtatca	gatccgccga	cgactgcaag	cagtttcggg	aggagttcaa	ctcattgcca	480
tctggacaca	tacaaggaac	ttttgaactg	gcaaataaag	aagaaaacag	agaaaaaac	540
agatatccca	acatccttcc	caatgaccat	tctaggggtga	ttctgagcca	actggatgga	600
attccctggt	cagactacat	caatgcttcc	tacatagatg	gttacaaga	gaagaataaa	660
ttcatagcag	ctcaagggtcc	caaacaggaa	acgggttaacg	acttctggag	aatgggtctgg	720
gagcaaaagt	ctgcgaccat	cgctcatgtta	acaaacttga	aagaaaggaa	agaggaaaag	780
tgccatcagt	actggccccga	ccaaggctgc	tggacctatg	gaaacatccg	gggtgtcgtg	840
gaggactgcg	tggtttttgt	cgactacacc	atccggaagt	tctgcataca	gccacagctc	900
cccgacggct	gcaaagcccc	caggctgggtc	tcacagctgc	acttcaccag	ctggccccgac	960
ttcggagtgc	cttttacccc	cattgggatg	ctgaagttcc	tcaagaaagt	aaagacgctc	1020
aaccccggtc	acgctggggc	catcgtgggtc	cactgtagcg	cgggcgtggg	ccggacgggc	1080
accttcattg	tgatcgatgc	catgatggcc	atgatgcacg	cggagcagaa	ggtggatgtg	1140
tttgaatttg	tgtctcgaat	ccgtaatcag	cgccctcaga	tggttcaaac	ggatatgcag	1200
tacacgttca	tctaccaagc	cttactcgag	tactacctct	acggggacac	agagctggac	1260
gtgtcctccc	tggagaagca	cctgcagacc	atgcacggca	ccaccacca	cttcgacaag	1320
atcgggctgg	aggaggagtt	caggaaattg	acaaatgtcc	ggatcatgaa	ggagaacatg	1380
aggacgggca	acttgccggc	aaacatgaag	aaggccaggg	tcattccagat	catcccgtat	1440
gacttcaacc	gagtgatcct	ttccatgaaa	aggggtcaag	aatacacaga	ctacatcaac	1500
gcatccttca	tagacggcta	ccgacagaag	gactatttca	tcgccacca	ggggccactg	1560
gcacacacgg	ttgaggactt	ctggaggatg	atctgggaat	ggaaatocca	cactatcgtg	1620
atgctgacgg	aggtgcagga	gagagagcag	gataaatgct	accagtattg	gccaaccgag	1680
ggctcagtta	ctcatggaga	aataacgatt	gagataaaga	atgataccct	ttcagaagcc	1740
atcagtatac	gagactttct	ggctactctc	aatcagcccc	aggcccgcca	ggaggagcag	1800
gtccgagtag	tgcgccagtt	tcacttccac	ggctggcctg	agatcgggat	tcccgcgag	1860
ggcaaaggca	tgattgacct	catcgcagcc	gtgcagaagc	agcagcagca	gacaggcaac	1920
caccccatca	ccgtgcactg	cagtgcggga	gctgggcgaa	caggtacatt	catagccctc	1980
agcaacattt	tggagcgagt	aaaagccgag	ggacttttag	atgtatttca	agctgtgaag	2040
agttttacgac	ttcagagacc	acatatgggtg	caaaccctgg	aacagtatga	attctgctac	2100
aaagtggtag	aagattttat	tgatatattt	tctgattatg	ctaatttcaa	atgaagattc	2160
ctgccttaaa	atatttttta	atttaatgga	acaaaggaga	agccactttc	cccaggacgc	2220
aagactctcc	cctccactgt	ccgggacagc	gttcgcctt	tagcggggag	gtcattacag	2280
cctcatggcc	tctaccaagg	cccagatca	caggatctcc	tgggccttgg	agcacctcac	2340



gctgggggaa tcaatccctg agggactcag aatcttctcc gtgcaacctg gaa

2393

<210> 7663  
<211> 1206  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1194)...(276)  
<223> similar to gi5912548 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7663  
tttttttttt ttagtattta taatcattta cttgtagcga actgtttaaa gttaacactt 60  
gttttaaattt ttttacacta tagcatttat gcaatgggtt acagaattca tggagttatt 120  
tttatcagta tgggaattaa ttaaaacctt gaatctttgt tttgtctgct tctctgagca 180  
caagcctggc cagctgggtc ctgcgggtcc taccagccag cttctctgta gggctctcgg 240  
ccgcgtccac ctctgctctc ccaccacaag gtcacaaact cccacgcagt cctgggtcac 300  
ccgcgagctg ctctggagac ttggctctgg gcgtctcgtg gcccaagtgc tccaagttgg 360  
aagtttctgt gggcctcgtg taggggatgc cgtgctgggt gagcaaactt ttcagccttt 420  
tgatctcctt tgagagttct ttatgagcct tcctgcagtt ttccagggtc tcaaacccca 480  
agctgtcagg acctccctcc agctgggtgg gttcattttc ttctggggtc ttttaagtagc 540  
cagcctcctc aaaaagtgtc ctcagcaact tctcatggcc ctgggggggtg atcagctcat 600  
cggccagggtc ctgctctacc tgggtccact gccgtgcag ggctctggc agggttgggt 660  
acactagcaa ggcgtggggg tggcagacga ggggggtctc gaacgtcagc gcgtagacgc 720  
aggtgctcgg ctcgacaca tgggccagcc ggttgctttt tccacacgcc agctccacct 780  
tgctctgccg gctccgggaa cggcaggcgt caccgtccct catccacatg cccgtgaagg 840  
tggtgtggc gatctccac tcgtgccaga tgccgaggat cccactgtag gcgttccagc 900  
ggaaggtctg ctgctgctgg gtcacgttgt ggaacgggca gaactcatat ttgtacgtgg 960  
actccaccag gctgaagcac ttgcccgaga gtcggaagag atgcacgggt ccagacacgg 1020  
gtgaaggatc cctcttggtc tggaggcgac tggcctgagg caagaacggg ttgttcaccc 1080  
caaacgcgtt gggctcctcc accacettca tcttcgtgc acctgccggc gcgggcccgc 1140  
cggccgagag cccgaggagc aacaggagcc gcgccagccc cgccgccatc gcgccgcagc 1200  
ggccgc

<210> 7664  
<211> 2870  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (72)...(1202)  
<223> similar to gi256178 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7664

tttcgtgtca	gtggcgctag	cggcggaccc	ggctgggcag	ttccttcccc	agaaggagag	60
attcctctgc	catggagtcc	tacgatgtga	tcgccaacca	gcctgtcgtg	atcgacaacg	120
gatccggtgt	gattaaagct	ggttttgctg	gtgatcagat	ccccaaatac	tgctttccaa	180
actatgtggg	ccgaccaag	cacgttcgtg	tcatggcagg	agcccttgaa	ggcgacatct	240
tcattggccc	caaagctgag	gagcaccgag	ggctgctttc	aatccgctat	cccatggagc	300
atggcatcgt	caaggattgg	aacgacatgg	aacgcatttg	gcaatatgtc	tattctaagg	360
accagctgca	gactttctca	gaggagcatc	ctgtgctcct	gactgaggcg	cctttaaac	420
cacgaaaaaa	ccgggaacga	gctgccgaag	ttttcttcga	gaccttcaat	gtgcccgcctc	480
ttttcatctc	catgcaagct	gtactcagcc	tttacgctac	aggcaggacc	acaggggtgg	540
tgctggattc	tggggatgga	gtcaccatg	ctgtgcccat	ctatgagggc	tttgccatgc	600
cccactccat	catgcgcac	gacatcgcg	gccgggacgt	ctctcgcttc	ctgcgcctct	660
acctgcgtaa	ggagggtac	gacttccact	catcctctga	gtttgagatt	gtcaaggcca	720
taaaagaaag	agcctgttac	ctatccataa	acccccaaaa	ggatgagacg	ctagagacag	780
agaaagctca	gtactacctg	cctgatggca	gcaccattga	gattggctct	tcccgattcc	840
gggcccctga	gttgctcttc	aggccagatt	tgattggaga	ggagagtga	ggcatccacg	900
aggtcctggt	gttcgccatt	cagaagtcag	acatggacct	gcggcgcacg	cttttctcta	960
acattgtcct	ctcaggaggc	tctaccctgt	tcaaagggtt	tggtgacagg	ctcctgagtg	1020
aagtgaagaa	actagctcca	aaagatgtga	agatcaggat	atctgcacct	caggagagac	1080
tgtattccac	gtggattggg	ggctccatcc	ttgcctccct	ggacaccttt	aagaagatgt	1140
gggtctccaa	aaaggaatat	gaggaagacg	gtgcccgatc	catccacaga	aaaaccttct	1200
aatgtcggga	catcatcttc	acctctctct	gaagttaact	ccactttaaa	actcgctttc	1260
ttgagtcgga	gtgtttgcga	ggaactgcct	gtgtgtgagt	gcgtgtgtgg	atatgagtgt	1320
gtgcgcacat	gcgagtgcg	tgtggccctg	ggaccctggg	cccagaaagg	acgatgaact	1380
accgcagtg	gtgatgatgc	ctgaggcctg	ggggttgacc	actaactggc	tcctgacagg	1440
gaagagcgct	ggcagaggct	gtgctccctc	ctcagggtgcg	ctctggctgg	ctgtggggga	1500
ctggctgtgg	gggactccgt	ttactaccac	agggagacag	agggaggtaa	gccatcccc	1560
gggacacctt	gctgctgacc	atcctaggct	gggctggccc	cacctcacc	ccccccccca	1620
gggtgccctg	aggccccagg	cagctgctgc	ctccactatc	gatgcctcct	gactgcacac	1680
tgaggactgg	gactggggtt	gagttctgtc	tggttttgtt	gccattttgg	tttgggaggc	1740
tggaaaagca	ccccaaaga	ctattacaga	gactggagtc	aggagagagc	aggaggccct	1800
catgttcacc	agggaacagg	accacaccgg	ccactgaagg	agggcaggag	cagtcctccc	1860
tctgaatggc	tgcagagtta	atgttcccag	cccagtcccc	tttcgggggg	cttgggagag	1920
tttaaggcac	ctgctggttc	caggacctcg	ctttccatct	gttcttggtg	caatgccatc	1980
ttcaaaccgt	tttattttatt	gaagtgtttg	ttcagttagg	ggctggagag	agggagcttg	2040
ctgcctcctg	ccttgctaca	ctaattgttta	cagcacctaa	gcttagcctc	cagggcccca	2100
cctctcccag	ctgatgggtga	gctgacagtg	tccacaggtt	ccaggacctt	ttgagattgg	2160
aagctacact	caaagacact	cccaccaggc	tctttctccc	ttttcctctt	ctcactgccc	2220
tggaatcaac	aggctgggtg	ctggtttagat	tttctgaaac	aggaggtaaa	atttttcttt	2280
ggcagaggcc	cctaagcaag	ggaggggtgt	tggagagcca	gtgcccttaa	gactggagaa	2340
agctgcaatt	taccaagttg	ccttttgcca	ctgtagctga	ccaggggact	aggttgtaga	2400
ggtgggaagg	cccctctggg	ctgatcttgt	gccattcttg	accttggaac	tgcttggtta	2460
aggaggaggt	gggcccagacc	agagtgccag	gagctaattg	agccaggcct	gacacctagg	2520
agtgggtccaa	agccttcagc	ctagatgggtg	caaagctggg	gccagcctgt	cttcaccggc	2580
accctcacct	gtgacaccaa	gacccacccc	aatccagact	tcacacagta	ttctccccca	2640
cgccgtctat	gaccaaaggc	ccctgccagg	tgtgggtcca	cagcagcagg	tatgtgtgaa	2700
agcaacgtag	cgccccgcgg	actgcagtgc	gcttaaccaa	ctcacctccc	ttctcttagc	2760
ccaagcctgt	ccctcgca	gcctcgca	aaccacattg	cctgggtggg	cccagtgtag	2820
tgaataaag	tcgttccgat	agacacgtca	aaaaaaaaaa	accogaattc		2870

<210> 7665  
 <211> 1457  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1458)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1387)...(773)  
 <223> similar to gi602438 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7665

tttttttttt	ttatttacaa	agatttatta	cagcacggga	ggggttcagg	cctggagtca	60
gggaagaagg	ggaaaggggc	agagcagctg	ggggacaagg	aaaacctggc	gcccccgct	120
gtgtgcccc	ccggggacat	aaactaggcg	gcattcctgg	catcaaagca	caaaacgcaa	180
caaagaggtc	tctgccagtc	catcttccag	gcacccagga	ggagcaaggg	tgattaaggg	240
aagattccca	aaatgttgag	gctatggaga	aaaacgcctt	agtcctggac	cctggtagaa	300
gccggtgaga	gaagtgggtg	cttggaatcc	tccataggaa	agtgggtaga	aaaggatcta	360
agggtagctc	aaggttctca	ggacctcctt	tccccagatc	ttagggtcct	gccctgtggg	420
tctcctgtgt	ccaggggaga	ggatctgggg	agtagaattg	tgaagggcaa	atccctgttc	480
ccggttttct	ggattttcca	atgtgggctg	tctcacatcc	cacctccgc	tgggtgaatg	540
gaggaatgac	tggcaggggt	gggcatcagg	cagcaagtgc	ccaggttctc	tgggtatcag	600
ccaaaggtgg	gcaaacaagc	aaacacagac	cagccttagt	cttctagaag	tcagaagccg	660
cagccctagc	aggcgagggg	aagagcacaa	aacagggtga	ggatagagtg	ggtttctggg	720
gaacagcgat	gtccctcca	cttctctctg	ggagatgcag	gctgggtgcc	tatgtgccag	780
gctcagaggg	ggaagggcgc	tgaggttcct	ccccaggctc	acttagtgct	gggtcttcca	840
cttggctctc	agagcctcca	tctctctcgg	actcatccag	aggggggtgg	cgctcccagg	900
gcccttccag	accctggcca	caggttgtct	tttgcccagc	agactgcctg	atgaccttca	960
ggacttcagc	ctggctgtcc	tcttcttctt	cctcttcttc	atcatcctcc	tcttctctct	1020
catcttctc	tcttgataa	cccagctccc	gaagctcccc	cagctcatcc	tcctcctctg	1080
aggcctggtt	ctcattcaaa	ttgctgatag	actgcaggtg	agactcagca	atgcgctgca	1140
cagctttcag	cgaagggtgt	gtgtaggcac	aggggttggg	tctcttcgac	ttgagatggt	1200
gcccctctcc	tgaggctctc	tgggtggggg	aggcttctc	ctctggtgag	gagtgtctg	1260
agagccggaa	cagcatggca	ggcgttggtc	tcctgcgccg	gatcatctcc	acctggcggg	1320
ggtcgagctg	gctagggggc	gcgggcaccg	agaactggat	cttcttgccg	tccataaaat	1380
ccatagcgcg	cggggtgggc	ggtggggctg	gggtgcgcga	ctcgggggtcc	cgaattccnc	1440
cacgctggtc	gagagggt					1457

<210> 7666  
 <211> 1219  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (109)...(524)  
 <223> similar to gi2267084 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7666

ttacgccaaag	cttggcacga	ggagcgagct	gagtgggtgt	gtggctcgcgt	ctcggaaacc	60
ggtagcgctt	gcagcatggc	tgaccaactg	actgaagagc	agattgcaga	attcaaagaa	120
gctttttcac	tatttgacaa	agatgggtgat	ggaactataa	caacaaagga	attgggaact	180
gtaatgagat	ctcttgggca	gaatcccaca	gaagcagagt	tacaggacat	gattaatgaa	240
gtagatgctg	atggtaatgg	cacaattgac	ttccctgaat	ttctgacaat	gatggcaaga	300
aaaatgaaag	acacagacag	tgaagaagaa	attagagaag	cattccgtgt	gtttgataag	360
gatggcaatg	gctatattag	tgctgcagaa	cttcgccatg	tgatgacaaa	ccttgggagag	420
aagttaacag	atgaagaagt	tgatgaaatg	atcagggaag	cagatattga	tggatgatgt	480
caagtaaact	atgaagagtt	tgtacaaatg	atgacagcaa	agtgaagacc	ttgtacagaa	540
tgtgttaaat	ttcttgtaca	aaattgttta	tttgcctttt	ctttgtttgt	aacttatctg	600
taaaaggttt	ctccctactg	tcaaaaaaat	atgcatgtat	agtaattagg	acttcattcc	660
tccatgtttt	cttcccttat	cttactgtca	ttgtcctaaa	accttatttt	agaaaattga	720
tcaagtaaca	tggtgcatgt	ggcttactct	ggatataatct	aagcccttct	gcacatctaa	780
acttagatgg	agttggtcaa	atgagggaac	atctgggtta	tgccctttttt	aaagtagttt	840
tctttaggaa	ctgtcagcat	gttgttggtg	aagtgtggag	ttgtaactct	gcgtgggacta	900
tgacagtc	acaatatgta	cttaaaagtt	gcactattgc	aaaacgggtg	tattatccag	960
gtactcgtac	actatttttt	tgtactgctg	gtcctgtacc	agaaacattt	tcttttattg	1020
ttacttgctt	tttaaaacttt	gtttagccac	ttaaaatctg	cttatggcac	aatttgccctc	1080
aaaatccatt	ccaagttgta	tatttgtttt	ccaataaaaa	aattacaatt	taccaaatgg	1140
ttgctctgca	tctgagtc	ttaactgttg	aagtctaata	attttgaaaa	taaaatatgg	1200
cattggttta	aaaaaaaa					1219

<210> 7667  
 <211> 2103  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (85)...(1396)  
 <223> similar to gil806040 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7667

tcgtggcagc	cggagtcgct	ttcgggacgc	gcctgctctt	cgcctttcgc	tgcagtcctg	60
cgattttctt	ctccaggaag	aaaaatggca	tccgttgagc	ttgatccaca	accgagtggt	120
gtgactcggg	tggatcaact	gcccttgggt	agctccacgt	atgacctcat	gtcctcagcc	180
tatctcagta	caaaggacca	gtatccctac	ctgaagtctg	tgtgtgagat	ggcagagaac	240
ggtgtgaaga	ccatcacctc	cgtggccatg	accagtgtc	tgcccatcat	ccagaagcta	300
gagccgcaaa	ttgcagttgc	caatacctat	gcctgtaagg	ggctagacag	gattgaggag	360
agactgccta	ttctgaatca	gccatcaact	cagattgttg	ccaatgcca	aggcgctgtg	420

```

actggggcaa aagatgctgt gacgactact gtgactgggg ccaaggattc tgtggccagc 480
acgatcacag gggatgagga caagaccaa ggggcagtga ctggcagtgt ggagaagacc 540
aagtctgtgg tcagtggcag cattaacaca gtcttgggga gtcggatgat gcagctcgtg 600
agcagtggcg tagaaaatgc actcaccaa tcagagctgt tggtagaaca gtacctccct 660
ctcactgagg aagaactaga aaaagaagca aaaaaagttg aaggatttga tctggttcag 720
aagccaagtt attatgttag actgggatcc ctgtctacca agcttcactc ccgtgcctac 780
cagcaggctc tcagcagggt taaagaagct aagcaaaaaa gccaacagac catttctcag 840
ctccattcta ctgttcacct gattgaattt gccaggaaga atgtgtatag tgccaatcag 900
aaaattcagg atgtcagga taagctctac ctctcatggg tagagtggaa aaggagcatt 960
ggatatgatg atactgatga gtcccactgt gctgagcaca ttgagtcacg tactcttgca 1020
attgcccgca acctgactca gcagctccag accacgtgcc acacctcct gtccaacatc 1080
caagggtgtac cacagaacat ccaagatcaa gccaaagcaca tgggggtgat ggcaggcgac 1140
atctactcag tgttccgcaa tgctgcctcc tttaaagaag tgtctgacag cctcctcact 1200
tctagcaagg ggcagctgca gaaaatgaag gaatcttttag atgacgtgat ggattatctt 1260
gttaacaaca cgccctcaa ctggctggta ggtccctttt atcctcagct gactgagtct 1320
cagaatgtc agcaccaagg tgcagagatg gacaagagca gccaggagac ccagcgatct 1380
gagcataaaa ctcatataac ctgcccctat cactagtgc tgcgtgggcc agacagatga 1440
caccttttgt tatgttga aaacttgc aggcaaccct aaattgggaa gcaagtagct 1500
agtataaagg ccctcaattg tagttgtttc cagctgaatt aagagcttta aagtttctgg 1560
cattagcaga tgatttctgt tcacctggta agaaaagaat gataggcttg tcagagccta 1620
tagccagaac tcagaaaaaa ttcaaagtga cttatgttct cattctatgg ccattgtgtt 1680
gcctctgtta ctgtttgtat tgaataaaaa catcttcatg tgggctgggg tagaaactgg 1740
tgtctgctct ggtgtgatct gaaaaggcgt ctactctgct ttatctcatg atgcttgctt 1800
gtaaaacttg attttagttt ttcatttctc aaataggaat actacctttg aattcaataa 1860
aattcactgc aggatagacc agttaaaaaa aaaaaaaagg ggcgcctttt ttaaaggacc 1920
cttggggggc cccaagcttc cccggccttg caacgtatta attttctcct tatggggggc 1980
ctaattaaac cctccctggg caccttggga aagaaccctt ccttctgggg ggtgccatat 2040
tggaccaacc cccctacaga cattaaaggc tttagggtaa aattaacctt tttacgggtt 2100
ttg 2103

```

<210> 7668

<211> 915

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (805)...(256)

<223> similar to gi877 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7668

```

tttttacaga gctcatttta ttttaagtcct attttagaac aaaggaaaca gtcttaggca 60
aggcaaaactc acagttggct actcaatgtc ttttatttct gcctgttttt tggccccaga 120
aaatgcaata ttttgacaca gaaaaaaaca ttaggatgag tgtgaaatca aatacgattc 180
tggttttttga gctgacattt attcatttgg agccacatgg ctgtcccagg gcctgggtccc 240
caggtcatgt gcttaaagct tccaggcggg tctcatcatg atgatgaagt acacatcagt 300
gtcaatggat gcgctcacac ctgcatagta gttcatgaac tcctcagggg tcaccaatcc 360
atctttgtca tagggtgaat caaagttatc cagaaatttc ctaaatactt gttcctcact 420
ccattcccca ttctgtgact ttgggtggtg ttttgcatta tatacttcac gaaggtcttc 480

```

```

gattgttata acaccatctc cagtcttgtc taactttcta aaagcttgca tgattacctc 540
ttttctggct ctggacattg gaggtcttaa tgtgagaaga aattcattga agtctattgt 600
tccattttcca tctttatcaa acctctggaa aagttcttcc acctcttctt tttccatgac 660
cacagcataa tcatttaacc ctttcataaa ttctttaaaa tcaagggttc gattattatc 720
gtcatccata attctaaaca ctctgccaa gtcctttgatc ccagcagagc ccctggccag 780
gcactgcagt cggagtcttt caatggggtc ggtggccgtg gtgagctttt tcttggcctg 840
gatcgccatc tctcggtcat ggcgcgctgt ccctgccatc ttaaattgcta accttttgcc 900
accagttgct tcgaa 915

```

```

<210> 7669
<211> 1356
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1357)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1306)...(1015)
<223> similar to gi558396 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7669
tttttttttt ttagtaaaca acctagtctt ttatttgccc aaggccggct gttgcaagca 60
ctgaggcccc aagacttcca gaagggaagg ggaggagggg caaagcactg tgcctaccag 120
gtgctgcctg ccccgctctg ctctctgcag gaggtgggaa gggagagaaa acggacattc 180
gcgccatcaa gtatctcccc agttttcagc cactatattc agttgtggag gaggaaactg 240
aggcacacgc atccccccag gcttctactt gctagtccaa ggtttaactt actccctccc 300
ctcatctcta cccccagcag aatgagctgt aagcagcctg gggaggggtc caggagccca 360
tctggtggcc tgtggagcgg ggcaggccag ccagggtcaa gggctagggg tgggggggagc 420
aggaggggtg tggctggagg agcagctgct ggcggtgggg ggagtcggca ctcaataggg 480
gaccccagct ggggttccat actgatagca gtgggggaca ggcagagccc tcagctgtac 540
agacagggaa attgaggctg agaagcctcc agtctttggg tagggagggg ccttccttca 600
getactcagg tccattcatc ttccccatga agacgctggc tctggggctg gagcgcttg 660
tcagcggcca ctccatgttt agactgaggt acaaggagtg gaaggcagcc aggtcacctg 720
gccacagagc ctccctcaac tcttgacaaa ctggagggga accctcccc accacagctg 780
ctggaaaagg gagtgcctgg ctctggcgcc tgtctgcctt ccgctgctca cgtgcttgag 840
aaaggctcat ttttagcacc tggcctcttt tccctgctg gagggagctt aggggacaga 900
gcagggaaga aggcaggcaa gggggacagg gagacctgga agcagggccc aaggggatgt 960
ctgattgett cgttctcccc tctaagggtg cccaggccca gagaagggcc ctacgccgcc 1020
gtgcagagtg gagatgaaga ggacgctgtc ctggtcctga agctggtagt ccagctcacc 1080
cagtagctcc cagtcggcat cgtaaatcag caccagaatt cctggccgca cgctgtctcc 1140
ctggatgaac aactctggcc gctcttttag caaattcttc ttgatccaga tgagcaggtt 1200
ccggatgtcc cagggttcct cctgtccagg caaagtgact cgatgtttct taataccgtc 1260
aaacaggagc tccgcaccac ctccgaactc cacctccact gacaagggcg cagccatggt 1320
gaggcagccc ctcggtgcaa gaanggctgt ggcac 1356

```

```
<210> 7670
<211> 2520
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (131)...(1274)
<223> similar to gi307377 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<b>&lt;400&gt;</b>	<b>7670</b>						
ggcgcgcgcg	ctgcagtgcg	gggacccgct	cgctcgctcg	ccagccgtcc	ccgcgccccg		60
cgcccccgcg	cagccgcctc	ctggcctcgg	gcgcgcgcga	tccaggaagg	aagcagccac		120
cctcgccatg	gcctccccgc	ccgcctgccc	ctcggaggag	gacgagagcc	tgaagggctg		180
tgagctgtac	gtgcagctgc	acgggatcca	gcaggtcctc	aaagactgta	tcgtccacct		240
ctgcatctcc	aagcccgaac	gccccatgaa	gttcctccgg	gagcacttcg	agaagctgga		300
gaaggaagaa	aacaggcaga	ttttggcgcg	gcaaaagtca	aactcacagt	cggactccca		360
tgatgaggag	gtgtcgcccc	cccccccgaa	ccctgtgggt	aaggcccgcc	gccggcgagg		420
aggcgtgagt	gccgaggtgt	acaccgagga	ggacgcgctg	tcctacgtca	ggaaggtgat		480
tccaaggac	tacaaaacca	tgactgcgct	ggccaaggcc	atctccaaga	acgtgctctt		540
cgctcacctc	gatgacaacg	agaggagtga	catattcgat	gccatgttcc	ctgtcactca		600
gactcgctgg	gactcggtta	tacagcaagg	gaatgaagga	gacaacttct	atgtcgttga		660
tcaaggggaa	gtggatgtgt	acgtgaacgg	agagtgggtg	accaacatca	gcgagggagg		720
cagcttcggg	gagctggcgc	tcattctacg	cacccccagg	gctgcgaccg	tgaagccaa		780
gacggacctc	aagctctggg	ggatcgaccg	ggacagctac	cggcgcatcc	ttatgggcag		840
cacgctgagg	aaacgcaaga	tgtacgagga	gttcctcagc	aaggtctcca	tcctagagtc		900
cctggagaag	tgggagcgtc	tgaccgtggc	ggatgcgctg	gagcccgtcc	agtttgaaga		960
tggagagaaa	attgtggtcc	agggagagcc	tggggacgac	ttttacatca	tcacggaggg		1020
caccgcgtcc	gtgctgcagc	gccggtcccc	caatgaggag	tacgtggagg	tggggcgctc		1080
gggacctctc	gactacttcg	gggagattgc	actgctgctg	aaccggcccc	ggcgggccac		1140
tgctgtggcc	cgggggcccc	tcaagtgtgt	gaagctggac	cggccccgct	tcgagcgtgt		1200
gctggggccc	tgctctgaga	tcttcaagag	gaacattcag	cggtacaaca	gcttcattct		1260
cctcacgcgc	tgagcacaga	tcccccgctg	cagccccagc	tccccagtg	ggtggccgtg		1320
ccctgctcgt	ctgtgtcggg	ggcccgggag	ccgctgtgtg	aggtgtgggc	cgggtggggc		1380
tgggtcccg	cagcgtgagg	actgccccct	ccccggactc	actttttgga	ataaatgatc		1440
accttgtgca	tttccaaatc	aaaggacaag	cggacaaaat	gcatcccaag	atcaaggaag		1500
ggacaggcca	gcttctctcc	cacacgcctc	cccggctgcc	tctgtgggct	tctcctgggg		1560
ggcccccccc	acccctgcca	gtctcctgga	gatgcttgag	gatcggtcct	ccccagaacc		1620
aggccaggac	gttgccccct	gggcctgggt	accctgtgag	gtcagggtccc	ccagattgag		1680
gtctgagtgt	gggcaagtgt	gtcaaaagg	gctgcccccc	aggggagatg	aggctgagag		1740
cagggagttg	aggcogaaga	agtcaaggcc	cctcccgcga	atgtgtaccc	ctgcccgcgc		1800
cactgcaccc	cgccgcaccc	ccacctcccc	cgggggccct	gctgcggatg	ccggagtggg		1860
agagtctctg	agctgtgaga	ttgatctttg	ccctaattgg	agaggaagcc	gggcgcgaag		1920
acacacgggg	ctcctgcctt	gggagccagg	gccgcggccg	caggtagacc	ccagtagggg		1980
gggcccgggct	cgaagtctct	ttgggagggg	ctggcgggac	tccaagcagg	cgctctcacc		2040
tttcttagaa	agtccacca	gggcaagtgt	atgttggggg	aaagcagaag	tcaagccagc		2100
cgcgggcccc	acacgcccct	acccgtcaa	ccgacttgct	ccttaaattgt	gtcttggtatc		2160
ccgacgtgat	gacgtgagcc	agccaggccc	gaaaggggtg	ggccagtgca	gagaagcttc		2220
ccaggggatt	cctgggttcc	cccgaaagac	aagcgaggtc	attgcagttc	acccgatggt		2280





<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (429)...(616)  
<223> similar to gi2304977 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7672

actgagctga	aatcctaaaag	gccgcggagt	cggcgggtgtt	gtaggtagcg	gtaccttgag	60
tggcaacaga	attcgattaa	attacaatgg	gaaacatttt	tgaaaagctc	tttaaaagtc	120
tacttgggaa	aaaaaagatg	cggattctta	tattgagttt	ggatacagct	ggaaaaacca	180
ccatcttgta	taaattgaag	ctggggggaga	ctgtgcctgc	cgteccctaca	gtaggtttct	240
gtgtggagac	agtagaatat	aaaaataaca	ccttcgctgt	ctgggatgtt	ggcagccact	300
tcaaaatcag	acctctgtgg	cagcattttt	tccagaacac	aaaagggtgcc	agaagcccag	360
gaagcacaca	tcaaggctca	cttgccagcg	gggtgctgcc	aataaaatgt	agtcacgtgg	420
aatttggaat	gtggaaagga	ggtagaagtc	atcctttcct	cccccatagc	agcaggtgtg	480
caggctctgg	tggtcagctg	gactccatac	tccccacca	gtcaccagcc	tggggaccgt	540
ggggctgcaa	ggacctcagc	agcggtttcc	caagtttctt	gactttctcc	atcctctgga	600
aatcagctgt	ggtaaagtag	cctgaaagcc	agtggtgcaa	ccccatcccc	acaaccttca	660
ccacctctag	cacctccagt	gataagcact	aattgcctat	atacaacctt	tttttgtttg	720
aaatatctag	agtaatttct	gttttcctat	ctggggtagt	gtaacataag	aagaaatata	780
tatttggtct	ctgccccag	ttcctaacac	aaagctccta	aaacccttgg	aaattcctga	840
atgatggcgg	tgctaagagc	attgtccttt	gttaatttat	catttttctt	ttctcctagg	900
tgttttttcc	tttttaaact	tttcttttag	gttagggggt	acatatgcac	gttcgttata	960
tagctaaact	tgtgtcatgg	gggtttgttg	tacagattat	ttcatcacc	aggtaccaag	1020
cctagtaccc	aatagttttt	tctgctcctc	tccctcctcc	caccctccac	cctcaggtag	1080
ggcccagtg	ctgttggtta	tgagttctca	tcattttgct	cccacttaaa	agaacatata	1140
gtatttggtt	ttctgttcct	gtcttagttt	gctgaggata	atggcctcta	gtcccatctg	1200
tgttcctgca	aaagacatga	tctcgctgtt	ttttatgggt	gcacatcttt	tgttctaaca	1260
tttggtcctt	aaacctgggt	cctgacacag	agctcctaaa	tcccttggaa	ttttctgggt	1320
gatagaagcg	tcctttgttc	tcatgaggtg	actcttggtg	ggctccttat	ttggggactg	1380
gtcaccaaaa	agacctatgg	ttggaagcgt	tgtgctgtca	gccccattcc	ccatcctctg	1440
gcgtggggag	tagagctgga	gctcaatcat	gcctacgtga	taaagcctcc	agaaaactcc	1500
ttaaaagaca	ggacttggag	agcttcgggg	ttggcgaaca	catccatgtt	ccaggagagt	1560
gggtgcacccc	aactccacaa	ggacccttcc	aaacctcacc	ctgtgtatct	cttcaactgg	1620
cttcatcatt	tgtgtccttt	aaaatatcct	ttgtaataaa	tcagcactag	taagaaaact	1680
gttttctctg	gttccatgag	ctgttctagc	aaatgttcaa	acctgaggag	ggagtgtgtg	1740
ggacctccaa	tttacagcca	gttggtcaga	tgcatagggtg	atgcttggcc	ttgcacctgg	1800
gggtctgacat	gcggatggtc	ctgtgtgact	gagcccttaa	cctgtggagt	ctgggtgctca	1860
ctctgcttag	ggcttctctt	gccttttttag	tgtctatcta	ggcggccgga	cgcgtggg	1918

<210> 7673  
<211> 2406  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (2320)...(1291)  
 <223> similar to gi4689108 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7673

tttttttttt	ttccaaatac	agctttttaat	agtacctgtg	tgatagctcc	ctctcactgt	60
ttttaatctt	ttataatgtg	aagattttaga	accaatcctt	aaatagtaag	aaagtttagaa	120
cacaatctaa	tacagaatca	atcatattca	ggacaccctg	aatgcaaata	cttcataata	180
cagttttata	gtttaatgga	caatgtttta	catggcacct	ctcaaatctg	atataatctgt	240
gtggtgctta	caatttgcct	tacactttca	tttaaagtta	ccctgttctc	cactcaccac	300
atgtataaaa	tatcctatct	tttctcttaa	tgtttttacaa	accggttaatt	ttcactatca	360
gtagcggatc	tttttataac	tcaccctatg	ttgccccaaa	tacaccaata	atataatgat	420
tagattaaaa	aacttggcat	ctttttttaa	aaaatgtgct	ttcttttcca	tgtataagat	480
tctactatac	catttgtgaa	tgacacccta	gttacataac	acctacatat	ctgcccctgt	540
gagaattttac	cttagtcttc	taagactcta	tcttcaacag	ttagataagt	caataaccag	600
agttccaaga	aaagtagtta	ctttttaaga	ccaaattatt	gggataactg	gtcttgtaa	660
tatggcttaa	cattaatatg	gctataacat	agggactagc	ccgttttttt	tttttattaa	720
caatgtgacc	tgatcacaat	tctttaaagt	ctagactagt	tttccgtatg	ttttcccat	780
tttattttga	catcatatct	tttaaaaaa	aaaggatgcg	aacatttgcc	cttctcaatg	840
tttttttttt	tcccatagat	gtagtttcac	ttatttcctt	caggcttttt	atcagcaaga	900
agcaatgtct	gattttgata	ccaccatctt	gctatgaaaa	tataagaagg	cgtcatcttc	960
aaagcaacac	tccagttggg	cttcttcatc	gttttagctgc	atgatttctt	ctacgacatt	1020
tgtaacagac	acaacgtata	tagaatttca	gtttgggttt	ttttatcctt	ttttttcttt	1080
tttaaaataa	gtatgttttc	tgcttatttg	tgttttcttt	tctttgaata	tattgcacaa	1140
tattttatta	ttaaaaaaag	gttttatgtc	tcaggcaaaa	agtttttctc	cttcaatcgg	1200
gaggtgttaa	tgtgtattat	tttctaaaag	aggttaagtgg	ttgtctgtgt	ggccatcctc	1260
aaaaggaaca	gaattgacag	gtttatagga	tccaagtctg	aaacgacagc	aaattatttc	1320
aactataaat	tttccaattc	catgtaacat	gcctgttgtt	gaaaagattc	ctccaacaat	1380
accacagagt	cttacaaaaa	actgccagaa	tggcatgtgc	tcctcagtaa	ctgtcaccat	1440
aagagaactg	agatcatatt	tcataaatat	cccagagact	ccatggctgc	ctgcagcatg	1500
gttaatgata	cgttcccttt	ctgtcacaga	aaactgatgg	gtgtctgctg	atattttata	1560
tgtatgtagt	tttgttggca	caactgtaat	aaaatattgg	aacatctggg	tgtgatctat	1620
agcaattttt	tcagttccat	ctaaaggatt	aataattgct	ggaacaagct	ctccaaaaga	1680
caaatgatct	attctatgag	aaaaattgta	agattcatgg	ttgacaagtg	ctgccaaatg	1740
tgcatgacca	cgaggatgtg	gaattgcctt	gccactgttt	atgtgaaaat	tccctgctac	1800
tttattgaca	tatagatggc	catgaattct	gcatgcattt	ggagactgtg	atgaatcatc	1860
ttctcttggt	ggaagagctg	ttgatgtact	tttaaaagca	cttttaaata	tcacatcttg	1920
aagtgaatgc	tcttcttgta	gcctactctg	aatcagctgc	agcatcctct	gccactcttt	1980
ctgctgtggt	gaaagatcaa	atactgttgg	ttcataaaact	aaaccatctg	cagatgcaac	2040
cattgtttct	gctaaatcca	atacatccgc	tccaacatat	tgacacttca	tggcaaacagt	2100
aatatctata	ttaattctta	atttgctaga	aaaatccttg	tctacttcgt	attcatactt	2160
catccatgta	tcttgatata	ctgagaattc	cattatgggt	aataaaagcca	tagttgtaaa	2220
tgctattaga	gaaactgtac	ctccactggc	tgaagtctct	acatagctct	caggaacctt	2280
cggaaaggca	tccaactctt	ttaccaaact	taaagttttt	ttccgattca	gtcgcctcat	2340
cttcaggaaa	accttcctct	tccttcatat	agtcattgctt	gtgttatggg	cccagcctac	2400
acgaaa						2406

<210> 7674  
 <211> 2500  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (369)...(1981)

<223> similar to gi3874084 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7674

aataaagaaa	tagtgcttta	agtcaatgaa	ttcctccttg	ggaccacta	tcgagaaact	60
atcagtggtg	acgtttttaa	aaatgacaaa	ttcaatctgc	tcttgacttg	tgtgtcctaa	120
gatttccact	aagtgtcttc	aaacctcccc	ctccccggct	tcctggataa	tagaagttcc	180
cgaaggccgc	cgattccaga	agatactgtc	tggcgtgaaa	ttagtttcag	tagaaacata	240
agtcccgcgc	gtcttgctgc	gcgcgtgcgc	aagcttttgg	gccctcccga	gaaagggag	300
tgcattctcg	cttcogtagc	ggctccgcgc	ggttggggga	aagtaattcc	ggctgttgca	360
ccatggcgtc	catggggacc	ctcgccttcg	atgaatatgg	gcgccctttc	ctcatcatca	420
aggatcagga	ccgcaagtcc	cgtcttatgg	gacttgaggc	cctcaagtct	catataatgg	480
cagcaaaggc	tgtagcaaat	acaatgagaa	catcacttgg	accaaagtgg	cttgataaga	540
tgatggtgga	taaggatggg	gatgtgactg	taactaatga	tggggccacc	atcttaagca	600
tgatggatgt	tgatcatcag	attgccaaagc	tgatggtgga	actgtccaag	tctcaggatg	660
atgaaattgg	agatggaacc	acaggagtgg	ttgtccctggc	tgggtgccttg	ttagaagaag	720
cggagcaatt	gctagaccga	ggcattcacc	caatcagaat	agccgatggc	tatgagcagg	780
ctgctcgcg	tgctattgaa	cacctggaca	agatcagcga	tagcgtcctt	gttgacataa	840
aggacaccga	acccctgatt	cagacagcaa	aaaccacgct	gggctccaaa	gtggtcaaca	900
gttgtcaccg	acagatggct	gagattgctg	tgaatgccgt	cctcactgta	gcagatatgg	960
agcggagaga	cgttgacttt	gagcttatca	aagtagaagg	caaagtgggc	ggcaggctgg	1020
aggacactaa	actgattaag	ggcgtgattg	tggacaagga	tttcagtcac	ccacagatgc	1080
caaaaaaagt	ggaagatgcg	aagattgcaa	ttctcacatg	tccatttgaa	ccacccaaac	1140
caaaaaacaaa	gcataagctg	gatgtgacct	ctgtcgaaga	ttataaagcc	cttcagaaat	1200
acgaaaagga	gaaatttgaa	gagatgattc	aacaaattaa	agagaetggt	gctaacctag	1260
caatttgtca	gtggggcttt	gatgatgaag	caaatcactt	acttcttcag	aacaacttgc	1320
ctgcggttcg	ctgggtagga	ggacctgaaa	ttgagctgat	tgccatcgca	acaggagggc	1380
ggatcgtccc	caggttctca	gagctcacag	ccgagaagct	gggctttgct	ggctctgtac	1440
aggagatctc	atttgggaca	actaaggata	aaatgctggt	catcgagcag	tgtagaact	1500
ccagagctgt	aaccattttt	attagaggag	gaaataagat	gatcattgag	gaggcgaaac	1560
gatcccttca	cgatgctttg	tgtgtcatcc	ggaacctcat	ccgcgataat	cgtgtggtgt	1620
atggaggagg	ggctgctgag	atatcctgtg	ccctggcagt	tagccaagag	gcggataagt	1680
gccccacctt	agaacagtat	gccatgagag	cgtttgccga	cgactggag	gtcatcccca	1740
tggccctctc	tgaaaacagt	ggcatgaatc	ccatccagac	tatgaccgaa	gtccgagcca	1800
gacaggtgaa	ggagatgaac	cctgctcttg	gcctcgactg	tttgacaaag	gggacaaatg	1860
atatgaagca	acagcatgtc	atagaaacct	tgattggcaa	aaagcaacag	atatctcttg	1920
caacacaaat	ggttagaatg	attttgaaga	ttgatgacat	tcgtaagcct	ggagaatctg	1980
aagaatgaag	acattgagaa	aactatgtag	caagatccac	ttctgtgatt	aagtaaattg	2040
atgtctcgtg	atgcatctac	agttatttat	tgttacatcc	ttttccagac	actgtagatg	2100
ctataataaa	aatagctgtt	tggttaacct	agtttcaact	gttcaaagct	gtgtaatcgt	2160
gggggtacta	tctcaactgc	ttttgtattc	attgtattaa	aagaatctgt	ttaaacaacc	2220
tttatcttct	cttcgggttt	aagaaacgtt	tattgttaaca	gtaattaaat	gctgccttaa	2280
ttgaaggggt	ttgggtggat	ttttttttct	caaaaataagc	tgtagggact	attttaacag	2340
cttaaacagg	agctctcaag	atgcactttt	gtattgagag	gaatatgggc	ttgatcctct	2400
tcctatctaa	atgggtgggc	catttgattg	tagagggtcc	accacagaat	tatgggatgc	2460
cttaagtgtc	gttactaggt	tgctcacagc	ctaacctggc			2500

<210> 7675  
 <211> 2824  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (527)...(1851)  
 <223> similar to gil055177 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7675  
 acccgggagg gagatgcggc cggggctcag gtcctttgca gattcctaac cagcataatg 60  
 ctggagccgg gagccaccaa cctgcagttt tcagaatggc cgtgttggac actgatttgg 120  
 atcacattct tccatcttct gttcttcctc cattctgggc taagttagta gtgggatcgg 180  
 ttgccattgt gtgttttgca cgcagctatg atggagactt tgtctttgat gactcagaag 240  
 ctattgttaa caataaggta acaaggagg agcgattct tccaccttct ggggtgctgct 300  
 gagtatcttt ctgggagcag tggccatgct gtgcaaagag caagggatca ctgtgctggg 360  
 tttaaatgcg gtatttgaca tcttggtgat aggcaaattc aatgttctgg aaattgtcca 420  
 gaaggtaact cataaggaca agtcattaga gaatctcggc atgctcagga acgggggcct 480  
 cctcttcaga atgacctgc tcacctctgg aggggctggg atgctctacg tgcgctggag 540  
 gatcatgggc acggggccgc cggccttcac cgaggtggac aaccggcct cctttgctga 600  
 cagcatgctg gtgagggcgc taaactacaa ttactactat tcattgaatg cctggctgct 660  
 gctgtgtccc tgggtggctgt gttttgattg gtcaatgggc tgcatcccc tcattaagtc 720  
 catcagcgac tggagggtaa ttgcacttgc agcactctgg ttctgcctaa ttggcctgat 780  
 atgccaagcc ctgtgctctg aagacggcca caagagaagg atccttactc tgggcctggg 840  
 atttctcggt atcccatctc tccctgcgag taacctgttc ttccgagtgg gcttcgtggg 900  
 cgcgagcgt gtccctctacc tccccagcgt tgggtactgt gtgctgctga cttttggatt 960  
 cggagccctg agcaaacata ccaagaaaaa gaaactcatt gccgctgtcg tgctgggaat 1020  
 cttattcatc aacacgctga gatgtgtgct gcgcagcggc gaggggcga gtgaggaaca 1080  
 gcttttcaga agtgctctgt ctgtgtgtcc cctcaatgct aaggttcact acaacattgg 1140  
 caaaaacctg gctgataaag gcaaccagac agctgccatc agatactacc gggaagctgt 1200  
 aagattaaat cccaagtatg ttcattgccc gaataatctt ggaaatatct taaaagaaag 1260  
 gaatgagcta caggaagctg aggagctgct gtctttggct gttcaaatac agccagactt 1320  
 tgccgctgcg tggatgaatc taggcatagt gcagaatagc ctgaaacggg ttgaagcagc 1380  
 agagcaaagt taccggacag caattaaaca cagaaggaaa taccagact gttactacaa 1440  
 cctcgggcgt ctgtatgcag atctcaatcg ccactgggat gccttgaatg cgtggagaaa 1500  
 tgccaccgtg ctgaaaccag agcacagcct ggcctggaac aacatgatta tactcctcga 1560  
 caatacaggt aatttagccc aagctgaagc agttggaaga gaggcactgg aattaatacc 1620  
 taatgatcac tctctcatgt tctcgttggc aaacgtgctg gggaaatccc agaaatacaa 1680  
 ggaatctgaa gctttattcc tcaaggcaat taaagcaaat ccaaattgctg caagttacca 1740  
 tggtaatttg gctgtgcttt atcatcgttg gggacatcta gacttggcca agaaacta 1800  
 tgaatctcc ttgcagcttg accccacggc atcaggaact aaggagaatt acggtctgct 1860  
 gagaagaaaag ctagaactaa tgcaaaagaa agctgtctga tcctgtttcc ttcatgtttt 1920  
 gagtttgagt gtgtgtgtgc atgaggcata tcattaatag tatgtgggta catttaacca 1980  
 tttaaaagtc ttagacatgt tattttactg atttttttct atgaaaacaa agacatgcaa 2040  
 aaagattata gcaccagcaa tatactcttg aatgcgtgat atgatttttc attgaaattg 2100  
 tattttttca gacaactcaa atgtaattct aaaattccaa aaatgtcttt ttaattaaa 2160  
 cagaaaaaga gaaaaaatta tcttgagcaa ctttttagtag aattgagctt acatttggga 2220  
 tctgagcctt gtcgtgtatg gactagcact attaaacttc aattatgacc aagaaaggat 2280  
 aactggccc ctacaatttg tataaatatt gaacatgtct atatattagc atttttatct 2340  
 aatgacaaag caaattaaagt ttttttatct ctttttttta aaacaacata ctgtgaactt 2400

09483725 "042400



tcatgaaagg	actcacactg	gagagaaacc	ctatgaatgt	aagcactgtg	gtaaggcctt	1800
tatttccaat	tacattcgat	atcatgaaa	gactcacact	ggagagaaac	cctatcaatg	1860
caagcaatgt	ggcaaagcct	ttattcgtgc	cagttcatgt	cgagaacatg	aaagaactca	1920
taccattaat	agatgagaaa	tccttttagt	ggaagcaacg	ggagaagcct	tctgttgtcc	1980
cacttccttt	gaaacacaag	aaaagagagt	ggtgaaagaa	cctctggata	actgcttttt	2040
gaattgagaa	gagagacttg	cgataggaca	ataaaatcta	gaagaacttg	gatggtttcg	2100
taatacaatt	cacctatagc	caatcttgca	tgagatttca	aaggcacaga	aaaggaaggc	2160
atcagtcaca	tattagaggc	cccacacagg	gagagaggtg	tgtggctacc	cgcttccagc	2220
ccattttcct	gattcttttg	cttggttaatc	ggagaatatc	ccccaatatca	cttgtctctg	2280
ttcctcagag	ttgtaggtct	ccagatatgt	ccccagtgct	ccacattaaa	gataacatgc	2340
ccactttgct	gtttcttcag	aaatgttaaa	atgtttacca	gagaactaat	aaatgttggt	2400
atggctggaa	atactc					2416

<210> 7677

<211> 5138

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (92)...(1123)

<223> similar to gill136420 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7677

ctgctgctgc	ttctgccgct	cccgggggatg	cccgcgggctc	ctgggacccg	gccgggttacc	60
tgctctaactg	cccctgcatg	gcggtctttgg	gaaccaggcc	gatcacttct	tgggctctct	120
ggcatttgca	aaagtgttaa	accgtacctt	ggctgtccct	ccttggttg	agtaccagca	180
tcacaagcct	cccttcacca	acctccatgt	gtcctaccag	aagtacttca	agctggagcc	240
cctccagget	taccatcggt	tcacagctt	ggaggatttc	atggagaagc	tggcacccac	300
ccactggccc	cctgagaagc	gggtggcata	ctgctttgag	gtggcagccc	agcgaagccc	360
agataagaag	acgtgcccc	tgaaggaagg	aaaccccttt	ggcccattct	gggatcagtt	420
tcatgtgagt	ttcaacaagt	cggagctttt	tacaggcatt	tccttcagt	cttctacag	480
agaacaatgg	agccagagat	tttctccaaa	ggaacatccg	gtgcttgccc	tgccaggagc	540
cccagcccag	ttccccgtcc	tagaggaaca	caggccacta	cagaagtaca	tggatatggtc	600
agacgaaatg	gtgaagacgg	gagaggccca	gattcatgcc	caccttgctc	ggccctatgt	660
gggcattcat	ctgcgcattg	gctctgactg	gaagaacgcc	tgtgccatgc	tgaaggacgg	720
gactgcaggc	tcgcacttca	tggcctctcc	gcagtgtgtg	ggctacagcc	gcagcacagc	780
ggccccctc	acgatgacta	tgtgcctgcc	tgacctgaag	gagatccaga	gggctgtgaa	840
gctctgggtg	aggtcgctgg	atgccagtc	ggtctacgtt	gctactgatt	ccgagagtta	900
tgtgcctgag	ctccaacagc	tcttcaaagg	gaaggtgaag	gtggtgagcc	tgaagcctga	960
ggtggcccag	gtcgacctgt	acatcctcgg	ccaagccgac	cactttattg	gcaactgtgt	1020
ctcctccttc	actgcctttg	tgaagcggga	gcgggacctc	caggggaggc	cgtcttcttt	1080
cttcggcatg	gacaggcccc	ctaagctgcg	ggacgagttc	tgattctggc	cggagcacca	1140
gacctcttga	tcctggaggg	accagagtct	gagctggtcc	ttccagccag	gcctggcagc	1200
cagaggtgct	ccgggattgc	aaactcctct	tctcacctgc	caaagatgga	gaagagtgcc	1260
agggacccct	caaggaggga	gacgtcccat	atcccagggc	ataggacttg	caggttccta	1320
ggagcaggag	catctcccat	cgcacgtgct	ttctgtctct	ctgggaattt	ctcacactgg	1380
caaagcagtc	cagcctccgt	cttctggtcc	actctgtct	gagcagcctg	ggatgctgaa	1440
ctcttcagag	agattttttt	atagagagat	ttctataatt	ttgatacaag	gtcatgacta	1500

tcctagaact	ctctgtgggt	tttgaaaatc	attgaattct	attaatgtag	gtacctaaag	1560
tgaccttaac	tgaatgtgga	tgaggctggg	gctgggtgtg	gtcttttggc	tgcttttcaa	1620
ggtgtccccc	aatgtggccc	tcaagagcca	tccccactgc	ctggccagag	ccattgttgt	1680
cccctacttc	ctaggccatt	tctggggcct	gggggatgaa	tgctgtcctg	tgctgtaaac	1740
actatgcaaa	tggaagttat	cggttgtggt	gctgtgcagc	gctctgtggg	cgactaagtg	1800
ccactcacgc	agcatgttcc	tggaaggag	cacataccat	caagccacac	tatcatggta	1860
ttgtttcac	agtcttttgg	tggttgatgg	ccactgcaaa	cctggcacca	tcagatctct	1920
tctgatctct	tgccccagtg	gggcctgggt	ggtagaatgt	tggcattcgg	ttgatatcca	1980
aagcctgttc	tcccagccgt	cctcctgcag	ctggagcctt	caggccgtat	tctcacgagg	2040
gaacgtttgc	caaggctctg	acctcacaga	agatgccag	ggcccagaag	ccatcagaat	2100
tatcagtggg	gaagcacctt	ttgactcttc	ccttccaatg	taatctctgc	caacaccatg	2160
aggcttaagg	tgctctaagt	catgagtgtt	ttgggtctcaa	atgctgcagt	tttaataatc	2220
tgtgactcct	gagagcccat	ggttttttga	ccttgtgggt	ctaaaattcc	ttgtctgacc	2280
cctgtagatc	ttttccttgc	catgtcacct	cccttggcct	ttgatcctgg	aaagggtggca	2340
gagcctccac	tgagccaggc	ccagagctcc	ttgcagtgcc	ttcttccttg	tttacctgtg	2400
ggaggaaaca	ctttttttgt	caggggcagc	ctggttcaga	gctcagaggt	cacactgtat	2460
caaagatctc	aaacagcaaa	gtcagcattt	gctgtataga	gctgccaccc	aactctaagc	2520
aggagaaact	gtacagaaa	ggcttttgcta	tttttcctt	ttgggaaaac	aatgaagtgt	2580
tttaagtctt	gggtggactg	agagatgggt	tgccgtgtcca	gacttgctct	caagcctcat	2640
ccagagaagg	agctgcagat	gagggagccc	gtacactccc	tgccaccact	aggttgtaag	2700
cctgtagctg	gctggctgat	ttcatttttg	aattcatttg	ccatccacag	ccttacacta	2760
ggcacacact	ttagagtctg	gggctccagt	ggggcccgcc	taattttttt	tcccccaag	2820
acagggcctt	gctctgtctc	ccaggctgga	gtgccagtgg	ccatgatcat	ggccttactg	2880
ccagcccttg	atctccccc	ggctcaagcg	atcccttcc	gccctcagcc	ctctctggta	2940
gcctgagacc	tgcatgcccc	agctcccaaa	tcacccttga	ttcatatcca	gcagtaataa	3000
tcacttgtgt	tccgtgaaaga	aagggcacca	gaagttctag	caaaattcag	ttgtgttctg	3060
tgagctagca	cttttttcctc	tgacccaatt	ttcttaccta	taaaatgggtg	ataaaaaccg	3120
acaggttggt	caaaggccca	gatcagctaa	agcatgtata	taagagcacg	ttgtaaaactt	3180
gaaagagaca	aaggcacaaa	tgtggctggt	gattaatttg	actgcttctc	gttgctcgtc	3240
acctccatgc	caggcactgt	gcttgctaatt	tgctttatgg	gggcattctc	ttattttattc	3300
cccagccctg	ggaaatagga	gctgtcatta	tccctctctt	tctgcacaag	gaaaaattaa	3360
tgccctgaga	attgtcataa	ttttcccaag	gctgccagc	tggtgggtgtt	aagccagaat	3420
ttgacctccc	agagccagtt	tccattagct	gccatgctct	gctgcctcta	attcacagaa	3480
tgcactttct	accctgtgtg	ccatggagac	ctcctatgga	aaaatgatca	gccaccttac	3540
cttctactgg	gtacctgctg	tgagtctgcc	tatgccagaa	ggattaagga	ggggagggtta	3600
cccaagaaac	aaagcctaca	tgccgcttac	agcccccggt	ggatgggttg	tcagtacaac	3660
agtcttgc	tcagcaggtg	ttgtttcatc	acctactatg	tgctcaggctc	tatgctaggt	3720
actggggata	caggagagaa	tcaagcgtaa	agtctttgtt	ctcaagggaat	ttgcattcta	3780
gaaagtagaa	gatgtaataa	atgtactgtg	ggacatgtta	ataagtgtcta	taaagaaata	3840
taaagggttt	gggagcaaaa	agagggagtg	gatctatttt	agatgagccc	aggtaagacc	3900
tctctgaaga	gctgtcatga	aggagggagg	gagcacattc	ctggcagaga	aaacagcacg	3960
tgcaaaggcc	ccgagactgg	agtgtgttcc	tgaagagcag	ccaggaggcc	agcatggctg	4020
gagaggcagg	cataggcagg	gaaccgagca	gcaggtcaga	gcaggcgagc	tgacattctg	4080
cagcctggac	ggccatggca	ggaagctttt	agttggagag	atacaggaag	cctcctaggg	4140
ttctgagcag	aagaggggca	tgagctgatt	cacattctga	aggacctctc	tagctggcca	4200
gtgctgagga	ggttgagag	agaaagggtg	aaagcagaga	gaccagtgca	gggctgttaa	4260
cagggttgca	ggcgagagac	tggggtgctg	ggctccccta	gactaggact	ccagtgcctt	4320
cctctcccaa	gagacaaagg	ccattgcatt	gaaggaggtg	ggaaatgatt	agattctgaa	4380
catatgtaat	tattttttcag	tctttttcaa	agatacaaat	atttacatag	ttttaatcat	4440
gtaatatata	caatttaatg	tcctagtgtt	ttacttaata	gtgtatcatg	ttttccctgt	4500
tggtatgtag	cctggataaa	tgctcttaat	tataaaaaat	tctgtcgagg	agtgttccat	4560
agttttattgt	tttccctatta	tgagaattta	ggccaagtgt	ggtggctcat	gcctgtaatc	4620
ccagcacttt	gcgaggccga	ggtgggcaga	tcacttgagg	tgaggagttc	aagaccagcc	4680
tgccaacat	ggtgaattat	ctctactaaa	aatacaaaaa	aataataata	atagccaggc	4740
gtggtggcac	atgcctgtat	tcccagctgc	ttgggaggct	gaggcaggag	aatggcttga	4800
acctgggagg	tggaggttgc	agtgaagcca	gatggtgcca	ctgcattcca	gcctgggcaa	4860
cagagcgaga	ctccatctca	aaaaaaagga	gacttcatgt	gcccccaatt	tttccccaat	4920

tggtatttga	aaaaatattt	ttatttgtaa	gagtttttct	ttatttaaaa	tggtcattaa	4980
taaagttggt	ggacgggaag	caaaaaaaaa	aagttgttta	agataaattc	ccagaagtga	5040
atttgtaga	tcaaacttt	aaaacttttt	gttatggaag	aattcaaata	taaataaaaa	5100
attgtgagta	ataaatgaa	ctcacagttt	caacaatg			5138

<210> 7678  
 <211> 1029  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (44)...(755)  
 <223> similar to gil212946 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

CG45735.01240

<400> 7678						60
cgggcgcgcg	cgatcgaggt	cgggtcgccg	tccagcctgc	agcatgagcg	ccccagcgc	120
gacccccatc	ttcgcgcccc	gcgagaactg	cagccccgcg	tggggggcgg	cgcccgcggc	180
ctacgacgca	gcgacacgc	acctgcgcat	cctgggcaag	ccggtgatgg	agcgctggga	240
gacccctat	atgcacgcgc	tggccgcgcg	cgctcctcc	aaagggggcc	gggtcctgga	300
ggtgggcttt	ggcatggcca	tcgcagcgtc	aaaggtgcag	gaggcgcca	ttgatgagca	360
ttgatcatc	gagtgaatg	acggcgctct	ccagcggtc	cgggactggg	ccccacggca	420
gacacacaag	gtcatccct	tgaaaggcct	gtgggaggat	gtggcaccca	ccctgcctga	480
cggtcacttt	gatgggatcc	tgtacgacac	gtaccactc	tcggaggaga	cctggcacac	540
acaccagttc	aacttcacga	agaaccacgc	ctttcgcttg	ctgaagccgg	ggggcgctct	600
cacctactgc	aacctcacct	cctgggggga	gctgatgaag	tccaagtact	cagacatcac	660
catcatgttt	gaggagacgc	aggtgccgcg	gctgctggag	gccggcttcc	ggaggagaa	720
catccgtacg	gaggtgatgg	cgctgggtccc	accggccgac	tgccgctact	acgccttccc	780
acagatgac	acgcccctgg	tgaccaaagg	ctgagccccc	accccgccc	ggccacaccc	840
atgccctcct	ccgtgccttc	ctggccggga	gtccagggtg	tcgcaccagc	cctgggctga	900
tcccagctgt	gtgtcaccag	aagctttccc	ggcttctctg	tgaggggtcc	caccagccca	960
gggctgatcc	cagctgtgtg	tcaccagcag	ctttcccagc	ttctctgtga	gggtcactgc	1020
tgcccactgc	aggttccttg	aggtgaagta	aacgccggcg	ctgggcttgg	ccagtcggca	1029
aaaaaaaa						

<210> 7679  
 <211> 3952  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (33)...(1291)  
 <223> similar to gi4426603 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



<400> 7679

cggaatcact	gactggcaca	ggtgttggga	aaatgatcca	cagtctat	ctcataaact	60
gttcggtga	catatctta	gagaagcact	ggaagagcgt	tgtgagccag	tctgtctgtg	120
attatctctt	tgaagctcaa	gagaaagctg	ctgatgttga	aaatgtacca	cctgtcattt	180
caacacctca	ccactacctc	atcagtatct	accgggataa	gctcttcttt	gtatctgtca	240
tacagaccga	agtgccacct	ctctttgtaa	ttgagttcct	acatcgagtt	gctgacactt	300
ttcaggacta	ctttggtgag	tgttcagagg	ctgcaattaa	ggataatgtg	gtcatagtat	360
atgaactctt	agaagaaatg	ttagacaatg	gatttccact	ggctaccgaa	tctaactatt	420
tgaagaatt	gattaaacca	ccaacaattc	tacgctctgt	tgtcaactct	attacaggca	480
gtagtaatgt	tggggacaca	ctccccaccg	ggcagctgtc	caacatacca	tggcgtcggg	540
caggggtaaa	gtacacaaac	aatgaagcct	atcttgatgt	tgttgaagaa	atagacgcaa	600
ttatagataa	atcaggatct	acagtctttg	cagaaattca	gggggtcatt	gatgcttgca	660
ttaaactatc	tgggaatgct	gatctctccc	tttctttcat	gaaccctagg	cttctggatg	720
atgtcagctt	tcaccctgtc	atccggttca	agcgttggga	atctgaaaga	gttttgtcat	780
ttattcctcc	agatggaaat	ttccgactca	tatcataccg	tgtcagctca	caaaatctag	840
tggcaataacc	agtgtatgtg	aaacatagta	tcagctttta	ggagaacagt	tcttgcgcca	900
gatttgatat	aacaattgga	ccaaagcaga	atatggggaa	aactattgaa	ggaattacag	960
tgacagttca	catgccaaaa	gttgtgctga	acatgaacct	gacaccacaa	caaggcagct	1020
atacatttga	tccagtcacc	aaggtactaa	catgggatgt	gggaaaaatt	actccacaaa	1080
agctcccaag	tcttaaagga	ctggtaaatt	tacagtctgg	agcccccaaa	ccagaagaga	1140
atccgagcct	caacatacag	tttaagatcc	agcagcttgc	tatttcaggc	ttaaaagtaa	1200
accgttttga	catgtatggg	gagaaatata	agccatttaa	aggagtcaaa	tacgtcacga	1260
aagctggaaa	gttccaagtg	aggacatgag	aagaggccaa	aattcctcag	gaccagtttg	1320
ttttccaagt	gtcattacga	tgtatcacta	ttaggtacca	agtgagtggg	aatacatatt	1380
ctagttaaag	catttgtgtc	tagctacaca	ccgctaacaa	agttacttag	ttatcaatgt	1440
aggattctta	aggagcttta	agctaaggaa	accttttagt	gacttagctt	atctgttatc	1500
ttttcactta	ggaagatatt	ggaggtgatt	ttttccata	ggaggatacc	atctggcggc	1560
tgacacattg	aacagtaaa	gcagaaagct	gtagtgataa	cctctctcct	aaaagagtta	1620
actggtctca	tccagcagaa	gctatcttaa	atctgtgatg	tgtcaggtgc	agccaaatat	1680
cacaccttct	gatcttagcc	atcccaaacc	agtatctgtc	ccgagaggaa	attcccccca	1740
cccccagaag	tttacagaaa	actgctcttt	caagtgtttg	ccttattcag	cttttcactt	1800
gtgccattaa	gcaagcactg	tagcaaaaagc	cacttccaca	tggccctggc	agggagcact	1860
gctgctccat	gtccatttct	cactgtactt	ggtattgtat	ttttataaaa	taagattttt	1920
atgtaaagct	tacaatttga	tttacaggga	ccttgctgca	gtaaatacca	tctcaatttt	1980
gtgccactgg	ttcagctgtt	agcacagtaa	aaaaatcatt	tgtatcaaag	gggcaaatgc	2040
tttattaagg	tagtaaaagg	gaacattact	tctgctttta	ggaagtact	gcaagcaca	2100
gcatttgtgc	ttttaagcaa	attaaagtag	taaaagaaaa	acttaagtga	aacctttgcc	2160
atcttcatgt	tttataatat	aaagcttacc	caacaccagt	taagccatgg	ttaacctaaa	2220
tgcctcatgc	cccagttcag	caaaaggagg	aaaatgtgcc	tgcctcacag	tcatcagctt	2280
ttttaaatct	tttttgttgt	tgttcttaag	ggtttgaatt	tgtctgcatt	ccttgtcttt	2340
aggggaaatt	cccttttcat	attgtgtgct	tcccaaagct	atagtcatag	atctcttcca	2400
gaaactattg	tcataattgt	cactggagtg	cttaaatata	cgtactatac	tgacaaaata	2460
catggaagtg	agttataatg	aggcagaaac	aaaatcctcg	gtaacattga	tgatactcta	2520
ccgatcaccg	tggtttttga	aagtcagtca	acagttgtat	tattgcactc	aatttcattg	2580
tgacatttta	tttaacttct	tcatcttggt	ggtccttgcc	cagttatatt	gcctcattag	2640
acatcaagaa	atggagaaag	actgaaagtt	aatatcttaa	gtgcttgttc	ttcatgtttc	2700
cttcttggtt	tttatgctat	tctctttgtg	gctccattct	tctttcaatc	ttctcagctt	2760
ataaccgtct	ttcccttatg	ctaaggatag	cccttacact	catcccatct	atgctgtcaa	2820
gggctgctgg	ttggtgctgg	tacaaggagc	ccactcagca	gttttcttac	ctttgcctgc	2880
cctgcctttc	atggaataag	aaaggcaacg	ttttgcagct	tccaaatttc	tgaagaaact	2940
aatctcagat	tggcagttaa	agtcaaaatg	ttgccaaata	tttattcctt	ttgcctaagt	3000
ttggctaccc	ggttcaattg	ctttttatct	ttaatgtcct	gactcttcag	agttcgtacc	3060
tcaaaagaac	aatgagaaca	tttgcttttgc	tttctgctga	atccctaata	tcaacaatct	3120

```

atacctggac tgtccagttc tcctcctgtg ctatcttctc ttctatccaa gtagaatgta 3180
tgccaggagc tccttccctc tagcaatttc tactaaaatg tccaagtaga atgtttcctt 3240
ttacaatcaa attactgtat ttattaattt gctagaatcc agtaaatacat tttggtagct 3300
ctggctgtgc tatcaataaa aagatgaaaag caacaagttg atttttttta ggtctactat 3360
tgattgaaca ttctccaatg ggcaaggctc attgtcaaag cagggtgaac atgatcagat 3420
tttcttctgc atcatcacac aagctgcgag tgttgctgca aagcacttct cagtactcct 3480
tccctaacct cagtatgtta atagccattc atacttggct taagcatcac cattctggcc 3540
acagtctgag agattagtga tcaaagctcc cttccctatc actaccacca cctactgata 3600
acaaagattt ctgaataactt agtagtagta aaatattttt caagcacaga gttacagcta 3660
atcctggatc acttgttcta aattcataag ggagtataatc aagagcaaag gaagtaaagtg 3720
attctttcct gcgtgtggga gtcaccatca ttttattcaa agggagttcc tgtgataggt 3780
tcattcctta agtgggtgcta cagaaggacc ctaggaaaat gctgatcttg tcctgagagg 3840
caactgattt gagaaaatga ttatactaca gcaggaaggc agcaccagtg aacatatggt 3900
aatgggcaaa aacaagacag ttttagaaac tgctaattca gtagcagcct tg 3952

```

<210> 7680

<211> 2768

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (266)...(1138)

<223> similar to gil770576 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7680

```

tgcggcgcga atagtacgct cgcgcggcgg tggcggttg tggctccttg aacgcggtgg 60
gcggacagcg gcacggcctc ccctccctc cggacgcaag ccgaagtacg tgagaggaga 120
cttcgggcca ctgcgttgta gtgcggccgg ctgcaaagcg ttttctgca ggctgttttc 180
ccagggtccc tcggcctgta cctgcgcgac tcctcttget ccaggtcctt cagtctccgc 240
tcgtctcacc gtaggctgtg acgacatgag caacaaagaa ggatcaggag gggttcaggaa 300
aaggaagcat gacaatttcc cacataacca aagaagagaa gggaaggatg ttaattcatc 360
ttcacccttg atgttggcct ttaaatacatt tcagcaggaa cttgatgcaa ggcatgacaa 420
atatgagaga cttgtgaaac ttagtcggga tataactgtt gaaagtaaaa ggacaatttt 480
tctcctccat aggattacaa gtgctcctga tatggaagat atattgactg aatcagaaat 540
taaattggat ggtgtcagac aaaagatatt ccaggtagcc caagagctat caggggaaga 600
tatgcatcag ttccatcgag ccattactac aggactacag gaatatgttg aagctgtctc 660
ttttcaacac ttcatcaaaa cagcatcatt aattagtagt gatgaaatta ataaacaatt 720
gatatattac actgaagaca atgggaaaga aaataaaact ccctcctctg atgcacagga 780
taagcagttt ggtacttgga gactgagagt cacacctgtc gattaccttc tgggagtggc 840
tgacttaact ggagaattga tgcggatgtg tattaacagt gtggggaatg gggacattga 900
taccctcttt gaagtgaagg agttttttac tcaggtttat gatgggtttt cattcatttg 960
caacactgga ccttacgagg tttctaagaa gctgtatacc ttgaaacaaa gtttggtcaa 1020
agtggagaat gcttggttat ccttgaaagt cagaggggtca gaaattccaa aacatatggt 1080
ggcagatgtg ttttcagtta aaacagaaat gatagatcaa gaagagggca tttcttagaa 1140
tctaacgtta ctcatgtact aattcttttg agaactccta agagaccaat ttgtaagact 1200
tatttagtat ttcatttaac tttattgttg cttttacata gaaacataat cagttgtact 1260
tgttttaaat tgtatacaag ctgtacataa aattagccaa atgaatcatt tcttatatct 1320
tattcatgaa agtttgcata cagatgtttg catatatgcc tttttgaatt tttgctgggt 1380

```

```

aacctttatc atttatcttt gtaatgtgaa catgcttcag agtgtacctt ttgccataac 1440
ctatttttaaat ttacttttttc tgaagtttgg agtgataatt tttagtggaa gcaatttgta 1500
attttaagttg gtagttatat tatatataga aaagattttt tagttaaact tctggacatg 1560
agcgtcctgt ttaaatttct tgtaaatatc gtgccaagcc tcaaaaatag gcttattcca 1620
tggaacaaga attaaaaatg aataagctat caatatataa ttttaagtaca agtttaggct 1680
gggcgtgggtg gctcacgcct gtaatcccag cactttggga ggccgaggta ggcagatcac 1740
gaggtcaaga gatcaagacc agcctgacca acgtggcgaa acctcgtctc tactagaaat 1800
acaaaaatta gctggatatg gtggtatgtg cctgtaatcc cagctacttg ggaggctgag 1860
gcaggagact cgcttgaacc tgggaggcag aggttgcaat gagccgagat tgcgccactg 1920
cactccagcc tgggtaacag agcaagactc catctcaaaa aaaagaaaga aagaaaaaaa 1980
gaaagtacaa gtttataaag tattatagtg aaaaattcgc attctggctg attttaagcc 2040
attttaaatt tatataaaac aaccttccat aaaaatttga caggtgcca gatgttgctt 2100
tctccattta ttttttgttt ttttttaatc acagtaggtc tgatagagaa ttggagctaa 2160
attataatat tttgtttggt aaagttgagt tatatacttg ttgttatatt aggcatgttt ggaggctttc 2220
ttagtagtga ttatttagca atttttgttt aaaattaaat aatttaaatt tagcatttaa 2280
ctattctagc atttaaattt aaattttatt ttaaataatt ataataaatt tttgaaatac 2340
atttaaataa tttaagtcta gcatttactt ggtgttaata aagttgccaa agaagatgta 2400
taagttaatc cagaccttta gttgtcccat ggtgttaata aagttgccaa agaagatgta 2460
ttatgaacaa ttcagcaata agacaattgt caacacagtt gagaataaca atggtaatcg 2520
ttagtaatat ttagaattgg aatttgccct ctgaaatagt tatagatgat tacttgatgat 2580
gtgaaactga attgagcatg acaaccagac atttccagtt ggttttgtaa gttttgagaa 2640
tctagatact ggggttttatt ttttgaaaga ttagctctgt ttgtaagggc tgattccttg 2700
aaaatgtaat tttccagaaa aacacctaaa gaaaataaaa catggacatg cctagtaaaa 2760
aaaaaaaa

```

<210> 7681

<211> 984

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (82)...(292)

<223> similar to gi3878134 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7681
aggccggttc cggcgaagtt aaaccctcgg agctggcctc ggactgctgg ggcgttaccc 60
cttcggccac cccgcgtgac catggcagtg tttcatgacg aggtggaaat cgaggacttc 120
caatatgacg aggactcgga gacgtatttc tatccctgcc catgtggaga taacttctcc 180
atcaccaagg aagattttgga gaatggggaa gacgtggcaa cgtgtcctag ctgctctctc 240
attataaaaag tcatttatga caaagatcag tttgtgtgtg gagaaacagt cccagcccct 300
tcagccaaca aagaattagt taaatgctga agaagccttc aggaatccaa atcctgaaca 360
tttggaatga gccagatag aaatatcgaa tgcaaagcta ctggcttcac agagacaacc 420
atztatgatt tgctgttctg taagagtgtg gattccttct atcaactgcc tgatatcatc 480
ttcaggaagc aagtccataa catgacatat ctggattttg tgcttagaac cttaaattgg 540
aagcattctt aattatgcat ctaaatttaa aagaagataa tttcaaaaca gtgctttctt 600
tcccttggtt tcatcathtt catatcttaa accaaattac ttcggtatct gacaacagca 660
tcatctacct cagtcattag gatttcttaa taaaaagag attgtathtt tgacttggtt 720
attaagatta ttaaaattag cccttccttt gaaatatgac atcagctttg ctgttctaaa 780

```

tttaaaatta gttgcttcat cagtaccaca tttccagttt ctataccaag ccagtctcct	840
cagttttccc attagaatgg acatgttctg ttcagcgtgt cattttctgta atgcttcatg	900
cagagagttt ggtcatagta ttaaagagaa aatacagtga ggtcacaatg tctccagagc	960
taaaagttag tgaacaagac agat	984

```

<210> 7682
<211> 1974
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (70)...(1864)
<223> similar to gi2230878 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

09403723.01300

<400> 7682							
cccacgcgtc cgctctggcg cctggttccg cgcgccggag cgcgctagcc gcattgcbag	60						
ccgaaccccg gagctggcgc catgggtgctg ttgcacgtgc tgtttgagca cgcggtcggc	120						
tacgcgctgc tggcgctgaa ggaagtggag gagatcagtc tgctgcagcc gcaggtggag	180						
gagtcgctgc tcaacctggg caaatccac agcatcgctc gtctgggtggc cttttgtccc	240						
tttgctcat cccaggttgc cttggaaaat gccaacgcgc tgtctgaagg ggttgttcat	300						
gaggacctcc gcctgctctt ggagaccac ctgccgtcca aaaagaagaa agtactcttg	360						
ggagttgggg atcccaagat tgggtccgca atacaggagg agttagggtta caactgccag	420						
actggaggag tcatagctga gatcctgcga ggagttcgtc tgcaactcca caatctggtg	480						
aagggtctga ccgatctgtc agcttgtaaa gcacagctgg ggctgggaca cagctattcc	540						
cgtgccaaag ttaagttaa tgtgaaccgg gtggacaata tgatcatcca gtccattagc	600						
ctcctggacc agctggataa ggacatcaat accttctcta tgcgtgtcag ggagtggtag	660						
gggtatcact ttccggagct ggtgaagatc atcaacgaca atgccacata ctgccgtctt	720						
gcccagttta ttggaaaccg aagggaactg aatgaggaca agctggagaa gctggaggag	780						
ctgacaatgg atggggccaa ggctaaggct attctggatg cctcacggtc ctccatgggc	840						
atggacatat ctgccattga cttgataaac atcgagagct tctccagtcg tgtggtgtct	900						
ttatctgaat accgccagag cctacacact tacctgcgct ccaagatgag ccaagtagcc	960						
cccagcctgt cagccctaata tggggaaagcg gtaggtgcac gtctcatcgc acatgctggc	1020						
agcctcacca acctggccaa gtatccagca tccacagtgc agatccttgg ggtgaaaag	1080						
gccctgttca gagccctgaa gacaaggggt aacaccccaa aatatggact cattttccac	1140						
tccaccttca ttggccgagc agctgccaag aacaaaggcc gcatctcccg atacctggca	1200						
aacaaatgca gtattgcctc acgaatcgat tgcttctctg aggtgcccac gagtgtattc	1260						
ggggagaagc ttcgagaaca agttgaagag cgactgtcct tctatgagac tggagagata	1320						
ccacgaaaga atctggatgt catgaaggaa gcaatggttc aggcagagga agcggctgct	1380						
gagattacta ggaagctgga gaaacaggag aagaaacgct taaagaagga aaagaaacgg	1440						
ctggctgcac ttgccctcgc gtcttcagaa aacagcagta gtactccaga ggagtgtgag	1500						
gagatgagtg aaaaacccaa aaagaagaaa aagcaaaagc cccaggaggt tcctcaggag	1560						
aatggaatgg aagaccatc tatctctttc tccaaaccca agaaaaagaa atctttttcc	1620						
aaggaggagt tgatgagtag cgatcttgaa gagaccgctg gcagcaccag tattccaag	1680						
aggaagaagt ctacacccaa ggaggaaaca gttaatgacc ctgaggaggc aggccacaga	1740						
agtggctcca agaaaaagag gaaattctcc aaaggaggc cggtcagcag tgggcctgaa	1800						
gaggcggctg gcaagagcag ctccaagaag aagaaaaagt tccataaagc atcccaggaa	1860						
gattagaatg caaatggaca ttctctggga ggtggggcat accatagccc aagggtgacat	1920						
ttcccaccct gtgccgtgtt cccaataaaa aacaaattca caagaaaaaa aaaa	1974						

<210> 7683  
 <211> 2313  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (61)...(1099)  
 <223> similar to gi4580598 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7683						60
cggggtccggc	gggcggttgg	cttgagcggg	accggagctg	aggcaggaag	agccggcgcc	120
atggtggaga	aggaggaggc	tggcggcggc	attagcgagg	aggaggcggc	acagtatgac	180
cggcagatcc	gcctgtgggg	actggaggcc	cagaaacggc	tgcgggcctc	tcgggtgctt	240
cttgtcggct	tgaaggact	tggggctgaa	attgccaaaga	atctcatctt	ggcaggagt	300
aaaggactga	ccatgctgga	tcacgaacag	gtaactccag	aagatcccgg	agctcagttc	360
ttgattcgta	ctgggtctgt	tggccgaaat	agggctgaag	cctctttgga	gcgagctcag	420
aatctcaacc	ccatggtgga	tgtgaagggt	gacactgagg	atatagagaa	gaaaccagag	480
tcatttttca	ctcaattcga	tgctgtgtgt	ctgacttgct	gctccaggga	tgtcatagtt	540
aaagttgacc	agatctgtca	caaaaatagc	atcaagttct	ttacaggaga	tgtttttggc	600
taccatggat	acacatttgc	caatctagga	gagcatgagt	ttgtagagga	gaaaactaaa	660
gttgccaaag	ttagccaagg	agtagaagat	gggcccagca	ccaagagagc	aaaacttgat	720
tcttctgaga	caacgatggt	caaaaagaag	gtggtcttct	gccctgttaa	agaagccctg	780
gaggtggact	ggagcagtga	gaaagcaaa	gctgctctga	agcgcacgac	ctccgactac	840
tttctccttc	aagtgtctct	aaagttccgt	acagataaag	gaagagatcc	cagttctgat	900
acatatgagg	aagattctga	gttggtgctc	cagatacgaa	atgatgtgct	tgactcactg	960
ggtattagtc	ctgacctgct	tcctgaggac	tttgtcaggt	actgcttctc	cgagatggcc	1020
ccagtgtgtg	cggtggttgg	agggattttg	gcacaggaaa	ttgtgaaggc	cctgtctcag	1080
cgggaccctc	ctcacaacaa	cttcttcttc	ttcgatggca	tgaaggggaa	tgggattgtg	1140
gagtgccttg	gccccaaagt	aactcaagat	ttggcagccc	cagagatgcc	aactgcagca	1200
tgcccacctg	tattccctgt	ccccttccct	catgaaggca	tctccaggca	aggaaaactg	1260
aagtcatttg	cccgatacaa	aacatttcct	gcaacgaagg	aggtggtgcc	gacgtgctgc	1320
ttcccatcac	cagcagctgc	tcgacaagg	gocgagggtg	gctgtctttg	ttccagcaact	1380
gttcaggctg	cctgtcatcc	cgggcctgcc	agctcccctg	agtgatgagc	acttccaagc	1440
accctctctg	cctttctctg	tccttatgct	gtcccggcct	cgccagccct	ctggggcatt	1500
gtgggagatg	cctgccagga	atgagcaagc	tctgttgcct	gggagcctct	tgtcaccttc	1560
ttggacttat	tcccacctg	ataccttata	gagaaaagt	tgaattcagg	tggagagtag	1620
gcccaggccc	catgaggcac	cagtgggaagc	acagctccaa	gttcagacag	gtgcccttag	1680
agaggaaaac	catgacaggc	aaatgcattt	cctctggagt	ttgagaccct	gacaaacaac	1740
aggtggcatc	tgggtgtgctg	ttcttgagtt	ttcgtttagg	attagttgag	ttccagctgg	1800
gttttgggag	aaaggagatg	ctaccaagtc	ttggatgtta	gggcgagacc	ctgcaagttg	1860
agtattagag	agcttgtctt	tcaaggcagg	ttcctggggc	ttcagggcta	ggagggagga	1920
gcctgccctt	ttaacagaac	cccagtcaca	tgcggtcaa	gtcactcaga	ggctgttgca	1980
tttcagggtc	atgttggtcc	tttgtttacc	tcctaaacca	cagctgtttg	tgtttcacat	2040
atgttgtgaa	ttttccttgg	ttctttttaa	aggaatgata	ataaagttac	ttgcttttagg	2100
atgtgtgtgt	ttttcttcca	cttcaaaagc	ttctgagagg	gaatgggatg	atcctaccag	2160
ttgccttttc	agacctgagg	ctctaactca	agagattcct	cctctccctc	accatttctg	2220
ccaccatttt	ttctgggtga	tgcagcaaga	gttaaattgt	tcacattcta	gaatgtgtcg	

00488735 01.1.00

```

aagcttctgg ctccaggtgt ctaatggata attcagctaa atagcggcta ttttcagtgg 2280
caagaattat aataataaag ggcagtcaca agt 2313

```

```

<210> 7684
<211> 1759
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (230)...(1500)
<223> similar to gi4493522 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

09438725 042100

```

<400> 7684
tttcgtgctg gccggtgctg ctggcagtcg gctgcgtact cctgcgagcg ccggagaggg 60
gctggaggcg gggcgaggcg gcggtctcag gcatccctgc agggcgctcc tccgagtccc 120
tcggcgctct gagccacag ggaagaagga ggggcccggc tcagtgcagt cagcgagacc 180
gaggtgagcg tgggctgttc cagtgggtgct ctgtcagtcg ctatggatta tggcagggaa 240
agtaaaatgg gtcactgata tcgagaagtc agtgctgac aataactttg aaaagagagg 300
atgggtccaa gtgacagaaa acgaggactg gaatttttac tggatgagtg tgcaaaccat 360
ccgaaatgtg ttcagcgttg aagctggata tcggctctca gatgaccaa tagtcaacca 420
ttttccaaac cactatgaac tgacccggaa ggacctgat gtgaagaaca tcaaaagata 480
caggaaggag ctggagaaaag aaggagctcc tctggcagaa aaagatgaaa atggaaaata 540
cctctatctg gactttgttc cagtcacctc tatgctgccc gctgactaca acctgtttgt 600
agaggagtcc cggaagagcc cgtccagcac ctggatcatg aagccttgtg gcaaggccca 660
gggaaaggcg atcttcccta tcaacaagct ctacagatc aaaaagtgg cccgggacag 720
caagacatct tcgtttgtgt ctcaatctaa taaggagcc tacgtgatct ctctctatat 780
taacaaccgg ttactaattg gcgggaggaa gttcgacctg cgcttgtaacg ttctgggtgc 840
cacgtaccgt ccactgcgct gttacatgta caagcttggg ttttgccgt tctgcacagt 900
gaaatacacc ccgagtacca gtgagctgga caacatgttc gttcatctca ccaacgtcgc 960
catccagaaa cacggggagg actacaacca catccatggg ggcaagtgga cagtgaagtaa 1020
cctgcggctc tacctggaga gcaccccgcg caaggaggtg accagcaagc tgttcgatga 1080
gatccactgg atcatcgtgc agtccctgaa ggctgtggcg ccggtgatga acaatgacaa 1140
gcaactgctt gaatgctatg gctacgacat catcatcgac gacaagctga agccctggct 1200
gatcgagggt aatgcgtccc cgtctctcac gtccagcact gccaatgacc gaatcctcaa 1260
gtacaacctg attaatgaca ccctcaacat cgccgtcccc aatggtgaaa tcccagactg 1320
caaatggaac aagtcgccac ctaagggaagt cctcggcaat tacgagattc tgtatgatga 1380
agaattggcc cagggtgacg gggctgaccg ggagctgaga agccgtcagg gtcagtctct 1440
ggggcccaga gcaggccgat cgagagactc agggagagcg gtcctcacca cctggaagtg 1500
agtccacact ggaccttatc aaaactactc actccacctg ggcccctgct gaagccctat 1560
tttgaaattt cccttttgta gagctttttt cctttcctaa gccctgtaaa taaacgaagg 1620
cacttctttg gaaggttatg gagtctgttt gactagtgtt aaaggaaaca attcatgcgg 1680
atgtataaaa ctgcctcttt ttttttttaa tttttaacct aagcagaatt ttcattattaa 1740
aaactcactt ttttgacag 1759

```

<210> 7685  
 <211> 1783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1698)...(674)  
 <223> similar to gi4914578 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

0049325040

```

<400> 7685
tttttttttt ttaaaccattt aaaaatttta tttagagaca agtctaccat gtcaccgtaa    60
gtttatgcta ctgctggaaa tgaacaaatg tagcccata aggaagaaaa gttgagagat    120
gccatatgtt taaagacatg gtagtcagac ttctttgtaa tcacatttct atgataaatg    180
catagtataa tttttgaagg tataaagaca atttctaagg atttatattc tagttaatac    240
ctacaactct aaacattact taatacctca tttaaagctga tttctttttc tctagtcact    300
ttgcaaattg aaatgtaaga attgaaattt gtggctctac cctcaagatt ctcaaattaa    360
aacacagcta ccatatacat ggccagatca aatgcttagc gatgtttgaa gtgttcacaa    420
gagaactatg agcgtataaa ctgtatgata ttctatgaca cagtaagtgt gataaagtta    480
gtacaaagta tttaaagata tgtagtcag ctctttttat atagaaaaac aaaatctttt    540
acatacggaa tggaaatttt gtagaacaga agttttttta aatttatatt aaacattgct    600
taactagtaa atcctgtcag tgtagaaata atttttttgt aattctcaaa gaagaaaata    660
gtatacgctt taattcatgg ttacgtagtt ggctggaaaa atgccagttt gacctcgaag    720
ttttccttcc caccaatcaa aatgtgaatc tgtttttgat tccttcaaat gaatacagcg    780
agcttgaaaa ttcaaattcc caggctgctg atgatagctg gaaagtccag gatagagctt    840
tatgggttga ttcaaattgc caactctctc gttagcagaa gacttcctct gctcccttgc    900
atattcattt ctgttacttt gagagccaga gttcagctgg actggtgcag atgactgctg    960
tggtcttgac aatggctttg gaggtaattc tttagcagaa gacttcctct gctcccttgc   1020
tgcttttctt gcattgattc gttgtccttc attttcatac ttttcagtaa aggaatcaag   1080
aatttcataa agatcttcgg cttgagcagg ccgcggtgta tctccaaata aaatgtcata   1140
agctcgataa tcttgacaat aaaattttct attagtttct ttcctttcaa tcaaacagct   1200
cccttctaaa gacacgcctg caaagagtcc ccttgacttg cagtacgtga agacggcagc   1260
ggagcttctc agggccacgt ttccttccaa gttccttccc aagggcccaa ccgccacagt   1320
caagttccct ccgagggtca gatttccgcc ttttgcaaaa gcttctacag cacggtcata   1380
attcagaatt atcaccaagt ctgatacctc aatttcctatt tcaaattcct caccaaggcc   1440
agctatccca atggctgagg gtgcagacca ttttccatct ggaaggcgcg ccactacaat   1500
cccgctgcct cctctggcag tcaccaggaa cccggctttg atcacagaca gaattgcaag   1560
gccttttagc ttcgcaatta cgtgagcagg aatgatctta tcagggtccat ttctggaagt   1620
tatttctgtg aattctctta atattttggc agcctttttt gcttctgatt tcaaattgga   1680
aggtataggg ttattcacgt cataggaccg cctccgcagg cgcactggag ccgattgcgc   1740
aggcgtggct ctcacaacgc gctgccctgt tggcgttggg gcg                    1783

```

<210> 7686  
 <211> 1132  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(1133)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (661)...(132)  
 <223> similar to gi4929711 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7686

tttttttttt	ttaataccat	tctgtgattt	aaacttttct	attggtgact	tttagttgta	60
taggcacgga	aaggaaaatc	aattgttttc	tttaatgctg	agaatttttg	ttaatatattc	120
tggacatttc	ataaaaacatc	ttttgttgac	attctacaaa	tgatagcatc	caataatgtc	180
ccaatacttt	cttcttgtga	agagagttaa	tatatctttt	tgacttctgt	aatattcatt	240
atttcaggaa	gatttttcag	agaaacctga	tgaccttcta	cttgagatat	taggtattct	300
tgattttatt	gtttttctcc	ctcttcaatg	taaacaatta	gaattgaagt	gtcatttgct	360
gagataccaa	attttttcaa	agcctctgaa	atattgttat	ttggggaaag	gttgaaaata	420
atttcagtag	atagagtctt	tgtcttcatt	tttcccagtt	tgtagagggt	aactgctttg	480
tttgctgcc	caagtatctg	aaatggatca	acaatcactg	taggatttat	cagtgatcca	540
tcgatgggtc	cttccatggc	ctttcttctc	aagtctcccg	cattttttac	atctttaaat	600
aacagaaggg	ttaccctgca	ttcgggaaat	aggtccagct	gatgtgttaa	ctgcatttca	660
cagataagca	ggattctaca	tccggccccc	agtgcgtctc	ggaagagctc	ccgctccgaa	720
acaaagccca	caacttccgg	aagcgatggc	caatccccgt	cttcttcgag	ccagtttccg	780
gataggccgg	ctcgggggtg	ccatctgttt	ccgggtcctg	gtaggagggt	tgcttccgcc	840
catgggtccc	cccattcttc	cgctctccca	acctgggtcc	cgtcaacgga	cgcgaaggag	900
aacaggggct	gtatatcact	tccggcgaag	gaaatggaag	aatctatggg	ctgggaccgg	960
aagctggggg	ctgggtttga	gtctcggctt	tgtcttaacc	tgtgtttggc	gttgcaccgg	1020
gcgacctcag	tttcttccct	tacaaggaaa	agtactgacc	aaaatgagtt	ctacatacat	1080
ttccgctgct	ggagatttct	ttnttccacc	ggcnctcaat	agtgggtctc	tg	1132

<210> 7687  
 <211> 1299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1300)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1045)...(466)  
 <223> similar to gi5138930 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7687



```

tttttttttt ttacaaacca ggaatatatt cactttttatt catttccacg attatgagta    60
tgacacagca tatacatata ttttagataat atataaaaca tagaataaac ccgcaggaag    120
aaatattggt tctgggaatt cctttatggg ccattcttaa ttctgtaagt tcatggtaaa    180
aggatatctc cccacactg gggggtnagg cggcggaata agctccacg tttcatgcgc    240
cactcacagg actggcttac cccactggc acttacaatg gcagtcacag agttacgggc    300
atgttcaccg gtgtccatga caaggcaaca ccaagtataa ataacaggaa cttacaggca    360
gagcaaacta agataaatat gtttttgcat cgtcctccac atagtctcct tttaaaaaga    420
agagtcacat ccaggggtct atccctcgag tcacaattcc agttattgct ttgccttggt    480
ctgaactggg agatacagtt tgaactctgc cggcagctca tcttctgagt agagtctgtc    540
tgagaagtaa acccgctcga tgcgacaatt tgcagtgatc tgactctga gggctctgat    600
gtaattggtg ccgatgctc gccgtgtgaa gtctagcaag ttgaactgaa tctgggtcca    660
gccgtcatcc agccgcatgg gcaggtgtga gatgaagggt ttgacccggg tgggtgctctg    720
gtagttactt gcccgaaagc gacgacgcac attcttgctc tctagtacct gcacttcgaa    780
ggtaaaatac ttcttcaggt ttttgataat catgacaagg aaagggaagt taattccag    840
cgtcttcttg gggctctgag ggcatgtgat atatgtggtg cttacatttg tcccttcaat    900
ctctagcacc agggactgga tgtcattatc agtgattctt ttgatgtggc cattccgtac    960
ctttttgtcc cagatttgca gaggcttgct gccgatgctg tagaggatgg agaggaagcc   1020
gctctggaac gtgtttttga acatctcgcc ggcggccttc tctaagccg ccccgaggc   1080
cgacctaggc cccggagtag atacaggcac cgagcgtcga gggcacagca gcaggccggc   1140
cctgttccga agaagggtgg ttgagctcct ggccctccgga tctgcagcca ctgatggccg   1200
gactcggacg cggcaacgct aagtcgcgca tcttcagctc ctaagctgcg agctcagaac   1260
ggaaaccaca gcaactaccg tccgcgccgc ggtatttcc    1299

```

<210> 7688  
 <211> 2342  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (52)...(1746)  
 <223> similar to gi5262560 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7688
gcaggttggt gtcgggatac cagatttcct actccgagag gccccgggtc cctctgccac    60
aacttctgtc gctctgccgc ctgcaccgtg acccgcaacta ttcacgggag ccctagagag    120
gacaccggga caccagaag ccgggaaatg atgtttcagg attcagtggc ctttgaggat    180
gtggctgtca gcttcacca ggaggagtgg gctttgctgg atccttccca gaagaatctc    240
tacagggatg tgatgcagga aaccttcaag aacctgacct ctgtaggaaa aacatggaaa    300
gttcagaaca ttgaagatga gtacaaaaat cccaggagaa atctaagtct tatgagagag    360
aaactctgtg aaagtaaaga aagtcatcac tgtggagaaa gcttcaacca gattgcagat    420
gacatgctga acaggaaaac tcttcctgga ataacaccat gtgaaagcag tgtgtgtgga    480
gaagttggca cgggtcattc atctcttaat acgcatatca gagctgacac tggacacaag    540
tcatctgagt atcaggaata tggagagaat ccatatagaa ataaggaatg taagaaagcc    600
ttcagttatc ttgactcctt tcaatcacat gataaagctt gcactaaaga gaaaccctat    660
gatggtaaaag aatgtacaga aaccttcatt tccattcat gcattcaaag acacagggta    720
atgcacagtg gagatggacc ttataaatgt aagttttgtg ggaaagcctt ctattttctc    780
aatttatgtc ttatccatga acgaattcac actggtgtga aaccatataa gtgtaaacia    840
tgtggtaaag cctttactcg ttccactacc cttccagtac atgaaagaac tcacacagga    900

```

```

gtgaatgccg atgaatgtaa agaattgtggg aatgcattca gttttcctag tgaaattcgt 960
agacataaaa ggtctcacac tggagaaaaa ccctatgagt gtaagcaatg tgggaaagtc 1020
ttcattttctt tcagttccat tcagtatcat aagatgactc aacttgga gaaaccctat 1080
gaatgtaagc agtgtgggaa agcctttaga tgtggctcac accttcaaaa gcatggaagg 1140
actcacactg gagagaaacc ctatgaatgt aggcaatgtg gtaaagcctt cagatgtacc 1200
tcggaccttc aaaggcatga aaagacacac actgaggata aaccctatgg atgtaagcag 1260
tgtgggaaaag gcttttagatg tgcttcacaa cttcaaattc atgaaaggac gcacagtgga 1320
gagaaacccc atgaatgtaa ggaatgtgga aaagtattca agtatttttc ttccttgctg 1380
atacatgaaa ggacgcacac tggagagaag ccccatgaat gtaagcaatg tggaaaagca 1440
ttcagggtatt tctcttcctt gcatatacat gaaaggacac aacttgga taagccatat 1500
gagtgttaagg tatgtggcaa agccttcact tgttccagtt ccattcgata tcatgaaagg 1560
actcacactg gagagaaacc ctatgaatgt aagcactgtg gtaaggcctt tatttccaat 1620
tacattcgat atcatgaaag gactcacact ggagagaaac cctatcaatg caagcaatgt 1680
ggcaaagcct ttattcgtgc cagttcatgt cgagaacatg aaagaactca taccattaat 1740
agatgagaaa tccttttagt ggaagcaacg ggagaagctt tctgttgtcc cacttccttt 1800
gaaacacaag aaaagagagt ggtgaaagaa cctctggata actgcttttt gaattgagaa 1860
gagagacttg cgataggaca ataaaatcta gaagaacttg gatggtttcg taatacaatt 1920
cacctatagc caatccttgca tgagatttca aaggcacaga aaaggaaggc atcagtcaca 1980
tatttagagg cccacacagg gagagaggtg tgtggctacc cgcttcagc ccattttcct 2040
gattccttgg cttgttaatc ggagaatatc ccccaaatac cttgtctctg ttcctcagag 2100
ttgtaggtct ccagatatgt cccagtgct ccacattaaa gataacatgc ccactttgct 2160
gtttcttcag aaatgttaaa atgtttacca gagaactaat aaatgttgtt atggctggaa 2220
atactcactg atgcccaact cttctataga ttgagttggt ttaagaggtc tactttgtat 2280
tgcaagcatt gttgtttcta cggattagcg agcctgttct tgattaaacc aactagatgg 2340
ga

```

```

<210> 7689
<211> 889
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (867)...(155)
<223> similar to gi33728 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7689
tttttttttt ttctgattga caatgagaat atttattgag ggtttattga gtgcagggag 60
aagggcttga tgccttgggg tgggaggaga gaccctccc ctgggatcct gcagctctag 120
tctcccgtgg tgggggtgag ggttgagaac ctatgaacat tctgtagggg ccactgtcct 180
ctccacgggtg ctcccttcat gcgtgacctg gcagctgtag cttctgtggg acttccactg 240
ctcaggcgctc aggtcaggt agctagctgc tggccgcgt acttgttgtt tgctttgttt 300
ggagggtgtg gtggtctcca ctccgcctt gacggggctg ctatctgcct tccaggccac 360
tgtcacggct cccgggtaga agtcacttat gagacacacc agtgtggcct tgttggttg 420
aagtcctca gaggaggcg ggaacagagt gaccgagggg gcagccttgg gctgacgtag 480
gacggtcagc ttggtccctc cgccgaatat tacaatgcct ctaccatgt agagcacaca 540
gtagtaatca gattcactct ctgcctgggc ccccgatgata gtgagggcag atttgttccc 600
aaggatggag ccagagaagc gatcaggggac cccagaagag cgagtgtttg tgttgtacat 660
gagcgtgcgt ggagcctggc ctgggggtctg ctggtaccag ctgggggagt aactagtaga 720

```

```
gcctgagcca gagctcaagc cacaagtgag tgtgactgtc cctccagggg acattgagaa 780
cgatggctcc tgggtcacca cagtctgaga atccactcct gatccataag caaggagtcc 840
gaggagaagc atcatccagg ccatgggtgg ggacactcat gaaggctag 889
```

```
<210> 7690
<211> 2711
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (466)...(1698)
<223> similar to gi5231143 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 7690
tttcgtggcg cggcgcatgt cccggccgag tgtggcgag cagtggcggc gcttcccatt 60
cgccatgcgc cgggggtggg tgcccgaagg ttgcatgat gaatttgaac attacttcaa 120
gaggttttgt attttgatt agttaattgg gtttgcctc tgctgactgt ttcttcggat 180
gcattttttg gtgtgctcct gagggattaa atgcaaagag atcacaccat ggactacaag 240
gaaagctgcc caagtgtaa cattcccagc tccgatgaac acagagagaa aaagaagagg 300
tttactgttt ataaagttct ggtttcagtg ggaagaagtg aatggtttgt cttcaggaga 360
tatgcagagt ttgataaact ttataacact ttaaaaaaac agtttcctgc tatggccctg 420
aagattcctg ccaagagaat atttggtgat aattttgatc cagattttat taaacaaaga 480
cgagcaggac taaacgaatt cattcagaac ctagttaggt atccagaact ttataaccat 540
ccagatgtca gagcattcct tcaaattggac agtccaaaac accagtcaga tccatctgaa 600
gatgaggatg aaagaagttc tcagaagcta cactctacct cacagaacat caacctggga 660
ccgtctggaa atcctcatgc caaaccaact gactttgatt tcttaaaagt tattggaaaa 720
ggcagctttg gcaaggttct tcttgcaaaa cggaaactgg atggaaaatt ttatgctgtc 780
aaagtgttac agaaaaaat agttctcaac agaaaagagc aaaaacatat tatggctgaa 840
cgtaattgtc tcttgaaaaa tgtgaaacat ccgttttttg ttggattgca ttattccttc 900
caaacaactg aaaagcttta ttttgttctg gattttgtta atggagggga gctttttttc 960
cacttacaaa gagaacggtc ctttcctgag cacagagcta ggttttacgc tgctgaaatt 1020
gctagtgcac tgggttactt acattccatc aaaatagtat acagagactt gaaaccagaa 1080
aatattcttt tggattcagt aggacatgtt gtcttaacag attttgggct ttgtaaagaa 1140
ggaattgcta tttctgacac cactaccaca ttttgaggga caccagagta tcttgacact 1200
gaagtaatta gaaaacagcc ctatgacaat actgtagatt ggtggtgcct tggggtggtt 1260
ctgtatgaaa tgctgtatgg attgcctcct ttttattgcc gagatgttgc tgaaatgtat 1320
gacaatatcc ttcacaaacc cctaagtttg aggccaggag tgagtcttac agcctggtcc 1380
attctggaag aactcctaga aaaagacagg caaaatcgac ttggtgcaa ggaagacttt 1440
cttgaaattc agaatcatcc tttttttgaa tcaactcagc gggctgacct tgtacaaaag 1500
aagattccac caccatttaa tcctaattgtg gctggaccag atgatatcag aaactttgac 1560
acagcattta cagaagaaac agttccatat tctgtgtgtg tatcttctga ctattctata 1620
gtgaatgcca gtgtattgga ggcagatgat gcattcgttg gtttctctta tgcacctcct 1680
tcagaagact tatttttgtg agcagggggc cattcagaaa ccattgagca aaataagtct 1740
atagatggga ctgaaacttc tatttgtgtg aatatattca aatatgtata actagcgctt 1800
catttttata tgtaatgatg aaaactatga aaaaatgtat tttcttctat gtgcaagaaa 1860
aatagggcat ttcaaagagc tgttttgatt aaaatttata ttcttgttta ataagcttat 1920
ttttaaacia tttaaaagct attattctta gcattaacct atttttaaag aaaccttttt 1980
tgctattgac tgttttttcc ctctaagttt acactaacat ctacccaaga tagactgttt 2040
```

09488725.012100

```

ttaaacagtc aatttcagtt cagctaacat atattaatac ctttgtaact ctttgctatg 2100
gcttttggtt tcacaccaaa actatgcaat tggtagatgg ttgtttaaga agaaaccgta 2160
tttttccatg ataaatcact gtttgaaata tttggttcatt ggtatgatcg aaatgtaaaa 2220
gcataattaa cacattggct gctagttaac aattggaata actttattct gcagatcatt 2280
taagaagtaa caggccgggc gcggtggctc acgcctgtaa tcccagcact ttgggaggct 2340
gaggcgggca gatcacctga ggtcaggagt tggagaccag cctgaccaac atggacaaac 2400
cccgtctcta ctaaaaatac aaaattggca ggggtgtgtg gcacatgcct ataatcccag 2460
ctacttggga ggctaaggca ggagaatcgc ttgaaccggg gaggcggagg ttgcagtggg 2520
ccgagatcgc accattgcac tcctgcctgg gcaacaagag tgaaactcca tctccaaaaa 2580
aaaaaagaaa aagtaccaa gggaaattat ttgtttttga aataccagtt caactttggg 2640
gattatTTTT cctttgaagg aaaaaaaa gcttaagggt taggattttt aagtattccc 2700
aaagatctga a 2711

```

```

<210> 7691
<211> 2380
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (296)...(2115)
<223> similar to gi6002478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7691
ggacttccgt ttcggtccag cggggtgctg gccattgttt gtgtggactg agtgttttgg 60
ccatcccggg ccaactctcac aggtctccgtt aagtgcacat aactctcagg aggactgagc 120
cagaagcgga cagggaaga cgagctgtgc ttgaaggaag aggggcagaa aatcgagggt 180
cagggactga gaagctactc cggtttagaa accccagaga caccctgtga gatgggtaca 240
tcacggcttc tctcccacgt taagacttaa taaagaaagc ctgatctttg accagatggc 300
agtaacattt gaagatgtga ctattatatt tacatgggag gagtggaaat tcctggattc 360
ttctcaaaaa agactctaca gggagggtcat gtgggagaac tacacaaatg tcatgtcagt 420
agaaaactgg aatgagagct acaaactcca agaagaaaaa ttcagatact tagaatatga 480
aaatTTTTcc tactggcaag gctggtggaa tgctggcgcc cagatgtatg agaatcagaa 540
ctatggggaa actgttcaag ggacagattc caaagacctc acacagcaag atcgttccca 600
gtgtcaggaa tggttaatac tctccacaca agtaccaggg tatgggaact atgaactgac 660
ttttgaaagc aaaagtctca ggaacttaaa atataaaaaa tttatgcctt ggcagtcctt 720
agaaacaaaa accactcaag actatggtag agaaatctac atgagtgggt ccatggtttt 780
tcaagggggc agataccgtc ttggcatatc caggaaaaac ctctccatgg aaaaagaaca 840
gaagctcata gttagcatt cttatatccc agtggaggaa gcccttccac agtatgttgg 900
ggtgatatgt caagaagacc tactgagaga ttcaatggaa gaaaagtact gtggatgtaa 960
taaagttaaa ggaatttatt attggaactc acggtgtgtt ttccacaaga gaaatcaacc 1020
tgagagaaac ctctgtcaat gctccatccg taaagcatgc ttctctcaga gatcagactt 1080
gtatagacat ccaagaaacc acataggtaa gaagctgtac ggatgtgatg aagttgacgg 1140
taactttcat cagagctccg gagttcactt tcatcagaga gttcacatag gggagggtacc 1200
ttatagctgt aatgcatgtg gtaagagctt cagccagatc tctagtcttc acaatcatca 1260
aagagtccac acagaagaga aattctataa aattgagtgt gataaagacc tcagtagaaa 1320
ttcattactt cacattcacc agagacttca cataggagag aagcctttta aatgtaatca 1380
gtgtggttaag agttttaatc ggagttcagt acttcatgtt catcagagag tccacacagg 1440
agaaaaacca tataagtgtg atgagtgtgg taagggtttc agccagagct caaatcttcg 1500

```

```

aattcatcag ttagtacaca caggagagaa gtcttataaa tgtgaagact gtggtaaagg 1560
ctttacccag cgctcaaadc ttcaaattca tcagagagtg catacaggag agaaacctta 1620
taaagtgtgat gactgtggaa aggacttttag tcacagctca gatcttcgca ttcacagag 1680
agtccataca ggggagaaac cctataacttg tcctgaatgt ggggaagggct tcagtaagag 1740
ttcaaagctt cacactcatc aaagagtaca tactggagag aaacctaca aatgtgaaga 1800
gtgtggcaag ggattcagtc agcggttcaca tcttctcatt catcagagag tccatacagg 1860
agaaaagccc tataaatgtc atgattgtgg aaagggtttt agtcacagtt ctaatcttca 1920
cattcatcag aggggtccata caggagagaa gccttatcaa tgtgctaagt gtggtaaagg 1980
tttcagtcag agctcagctc ttcgaattca tcaaagagtc catgcaggag agaaacctta 2040
caaatgccgt gaatattata agggatttga tcataattca catcttcaca ataatcatag 2100
aagaggaaac ttataaatat tgttcattta gttaacagct ttaatcaaag tttacctaac 2160
ctttaaaccc tataaatcct gctgttaagg aaatcttata aataacacaa gtaatcccaa 2220
gcaacattta tagtttcccc tatctccac taagaattat ttgcttcaa aggagatctt 2280
tagaaaaaac cctatatatt taaaattata gtgtattttt cttacctac tataaatata 2340
atacagtcag aaatatatta aacatttaag gagaaaacaa 2380

```

```

<210> 7692
<211> 1029
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (386)...(491)
<223> similar to gi547004 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7692
tccatgcggt ggaattcgct gtctgcaaca aagtgctgct tgggttgacag aggggtgggt 60
gcctgtaagt gtggtgcaca tttacacaca tttctacaaa atgactctac cttgtggcac 120
attgaagata attgtgtaag tagttatctc tgaaaactaa tatgccacct aatgctttaa 180
cacctgactc tgcaggggta gacgattgtt ggatttgtcc agccgtgggtc ctgggttcgt 240
gttcagtgtc tgcacgtcct gccatcatca ctgccacact tactgttgac agctgtccct 300
gctgcatgct cttagccagc tccatcctgt gctctcagct gatatttcac aggctgggcc 360
tggtgtgctc tggtgactca gtttactgtt tcaggatgca cctctctctg actgtacgga 420
aactatcgaa gggctcgagc ttacagagca gacctttagt cccgctaaat ctctctcttt 480
tagaaaggta ctactgccc tgtcctcact acctgtctat gcgccttgct cccctcccct 540
ccccctccc cgtctcctct cttcaggcat tgctcttagt tactgaagta gcttcaaagt 600
gatctttaac ctgtttgtga gattgtacag aaggttctgt tctatctact tgattcttta 660
attaaaacat ttgctatgag gtgtgataac aatttccagc attcgaagtt gttactgaga 720
aatggccagt ctgagcaacg tgggtgcatth ctgcagttcc gcacgggact ttggtcagtg 780
cgtgttttgg gtttcagaat ttgccttttc catgactctg actgcagaca gcctcttctg 840
ggcagtctgt tgctgttggc agcggccact cccgagtgcc cttccaccct cgctggttca 900
actttgactg taaatgtcat gaatgtagcc actagagggtc atatcattga aagatgtcat 960
ttcagaggaa tggggaattc agacagtctt tgtcagccct tgataaaatg tatttatttg 1020
tacctcaaa 1029

```

<210> 7693  
 <211> 1710  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1463)...(329)  
 <223> similar to gi3820982 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

001210 "5228450

<400> 7693							
tttttttttt	ttcaaagagg	aaaaaagcac	gtttgttgtt	ggtaggcggg	cgtgaatggg		60
agggttcttc	accttctcca	acacctcgta	tagatgggac	gttgcagggc	aatagaaaag		120
gcagcagatg	ggggcgtgtt	ttgccccact	ctgtacaata	tagaagaatc	tcatatagat		180
actttgtata	aaagccacgt	gtcctcattt	gtgtcctctt	attggctggc	tgggctgggg		240
gtactggggg	acaaagaagc	tggggtgata	gaccaggaca	cagggaatac	ccatgggtccc		300
cttcctctgg	ctgtcccttg	gtggggtcac	tttgatcctt	tgggtgggagc	atagcacagc		360
tccagtggcc	gggacacctt	ccagaatttc	tcattcacca	gctccagggt	cagcgagcca		420
ttcaacgtcg	tgaacgcccc	gcctccagggt	gcgatgtaga	tgggtgtactg	cttttctactg		480
acgccctcca	ggctgggcaa	agcaggctcc	tcaggaccgt	cacctcctcc	ggcaccacca		540
ccctccccgc	cacacccatc	aggtcctccg	gtgtcagagg	cgccccctcc	aggccctcct		600
ggctccccctg	cttcctgctg	ttgcctccgc	tcgagggcaa	tgcgcagggc	caagtacttg		660
gagaggtggt	ccactgtggc	attcccagtt	gtcttcacat	acctcgtctg	gcagtattct		720
cccttctcca	cgagcagggg	gtggggccgg	aacacgagct	caatttctcc	acctggctct		780
ggggggctgg	gggccccagg	agggcttggg	gggcccagcg	ttccccctcc	cagagtcctt		840
ccccggtcac	cagagtcttc	cgaaccggca	ccccaccaca	ccccaccagt	gccgcctccc		900
cccgctcccta	cactgctccc	ccctgcgccc	cctccacggg	gtcgtttggg	agcagggcct		960
ggggcagagt	caggggcccga	gtctgagctc	acatcttctc	catccccctc	tccctccccg		1020
ggctctccctt	cccccccaact	catcgtttgtg	gtctgatctg	accctgggat	cggccgcctc		1080
acacgctggg	ccctgtgcat	ggcctgcatg	cgtagccctt	cctcaatgct	ggagctcaat		1140
gcctgctggt	tgtgcaggcg	gctcaggcgg	ataagcactc	ggtcttgatg	ggcctcgtat		1200
tcttccccgc	taggatagat	cttagagatc	agggcaccaa	agttgggggtc	tggccgtagg		1260
gatcgcttgg	acaccagctt	ctttcggcag	gtaggacact	ccttggtccc	gctccgtagg		1320
gctgtgacaa	tgcagtacga	gcagaatctg	tggaggcact	ccttggtggt	catcgatttc		1380
ttcagcatgt	ccaggcagat	agggcacatg	agttctgaat	gcagtgaccg	aggggaaaca		1440
gcaatctctg	tgccatccat	tatggcttcc	tgcgggggtcc	ggtgcagctc	atacagactc		1500
agttccccacg	ttttgctggc	attctgggca	ttcgccggcg	tcgtcatggt	gaccggggcg		1560
agacccccca	ccagggtctc	acagccgagg	agaaggcgaa	gaaggccagc	tccagccggt		1620
cgcgtccccg	ccgccgccgc	gcctctccct	aggcccgggc	tcctggggcca	agttcgctcg		1680
gtccgcgaacc	gctgctcaga	cagcacgaaa					1710

<210> 7694  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (60)...(259)  
 <223> similar to gi3451305 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7694  
 ccggagtcgc caacatgtcg accgccatga atttcgggac caagagcttc cagccgcggc 60  
 ccccgacaa gggcagcttc ccgctggatc acttaggtga atgtaaaagc tttaaagaga 120  
 aattcatgaa gtgtcttcat aacaataatt ttgaaaatgc tttgtgcaga aaggaatcaa 180  
 aagaatattt agaatgcagg atggagagaa aattgatgct acaagaacca ttggagaaac 240  
 tgggatttgg agacttgact agtggaaaat cagaggcaaa aaaatgaatt ttgatgagaa 300  
 gacccttggg ccgtgttcag tggctctctca ggacggagg catcatcctg cctcttaggt 360  
 tggctgaggc ctgcgtgtgg tgtccttaga aatgggcttc gaatagaagc tccagccctg 420  
 tggggggcgc tcctgggtag ggagtggcgt cccgttttcc cttaggaggg tgtttctgca 480  
 ttgaacccct gagtgggacg gcgttcccg caaagctggg agggaggcga gcgtggggca 540  
 agacccttgt cttcgaggcc ggggccctct tgtatggggc ggttttatgt tgcagtcctc 600  
 tgatactttc tgagttcaaa gaggtaaatg tataaatttc agtcccttct gaacacagat 660  
 atcatcagaa aattaccatt ccctagcagg atgttttctg gtttgtattc gtatatgcca 720  
 gttcatttcc tttgaaaaaa aaaaaagggg gaccccaaaa aaaaaa 766

<210> 7695  
 <211> 7471  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (91)...(4940)  
 <223> similar to gill181628 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7695  
 tctgcggcgc tcggagcctc ccttgcgatc ccacggccgg gactgcccgg agtgcattggg 60  
 cgcgggccag ggacgctgag cggctgcgcc atggaggggc cggagccccg cgcgcggccc 120  
 gagcgcttgg ccgaggccga gacgcggggc gcgacggcg ggcgcctggt ggaggtgcag 180  
 ctgagcggcg gcgccccgtg gggcttcacc ctgaaggggc gccgcgagca cggcgagccg 240  
 ctggatcatca ccaagattga agagggcagt aaagccgcgg cggctcgaaa gttactggct 300  
 ggagatgaga tcgtcggcat caatgacatt ggtctctcag ggttttagaca ggaagcgatt 360  
 tgccctggtga aggggtccca taagaccctg aagctggtcg tcaaaaggag gagcgagctg 420  
 ggctggaggc ctactcctg gcatgccacc aagttctctg acagccaccc cgagctagcg 480  
 gcctccccgt tcacctccac cagcggctgt ccttcctggt ccggccgaca ccacgcgagt 540  
 tcttctctcc acgacctgtc cagttcctgg gagcagacga acctacagcg caccttagat 600  
 cacttcagct ccttggggag cgttgacagc ctggaccacc cctccagtcg cctctcggtg 660  
 gccagtcca acagcagcat cgaccactg ggcagccaca gcaagcgaga ctccggcctac 720  
 ggctccttct ccaccagctc tagcactcct gaccacacct tgtccaaagc cgacacgtcc 780  
 tccgcagaga acatcctcta cactgtgggc ctctgggagg ctcccaggca ggggtggccgg 840  
 caggcccagg ccgcaggcga ccctcagggc tcggaggaga agctcagttg tttcccgccc 900  
 aggttccccg gtgacagcgg caaaggcccc aggccagagt acaatgccga gcccaagctg 960

gctgcccctg	ggaggtccaa	ttttgggcca	gtctggtatg	ttcccataa	gaagaaagca	1020
ccatcatccc	cacctcctcc	ccctccccct	ctccgcagt	acagctttgc	tgccaccaag	1080
agccacgaga	aggcccagg	ccctgtgttc	tcagaggcgg	ctgcccacac	gcacttttac	1140
gccttgcccc	aggctcagcc	tcgtggtgac	cggagaccag	agctcaccga	tcggccttgg	1200
aggtcagcac	acccggggag	cctcgggaag	ggatcgggag	gcccgggctg	cccacaggag	1260
gcccacgcag	acggcagctg	gcccgcctcc	aaggatggag	cttcagtag	gctgcaggcc	1320
tctctgtcca	gctcagatgt	gcgcttcctt	cagtctcctc	atagcgccg	acaccctccc	1380
ctatacagcg	accacagccc	cctctgtgct	gacagccttg	ggcaggagcc	aggggctgcc	1440
agcttccaga	acgacagccc	tcctcaggtg	agggggctca	gcagctgtga	ccagaagctg	1500
gggagcggct	ggcagggtcc	ccggccctgt	gtgcaggagg	acctgcaagc	agcacagctc	1560
tgggcgggat	gctggccttc	tgacacagcc	ccttgagccc	tcgagagtct	tcccccaccc	1620
acggtggggc	agagcccacg	ccatcaccta	cctcagcctg	agggtcctcc	ggatgcccgc	1680
gagacaggac	ggtgttacct	gctggacaaa	ggggccgagg	gctgctccgc	gggagcccag	1740
gagcctccca	gggccagccg	tgacagaaaa	gccagccaga	ggctggcagc	cagcatcacg	1800
tgggcagatg	gggagagcag	caggatctgc	ccgcaggaga	cgcccctgtt	gcactccctg	1860
acccaggagg	ggaagcgccg	gcctgagagc	agtccagagg	acagcgccac	cagaccgcca	1920
ccgttcgacg	cccacgtggg	caagcccacc	cgaagaagcg	accgctttgc	caccaccctg	1980
cggaatgaga	tccagatgca	tagagccaa	ctgcagaaga	gccggagcac	agtggctctg	2040
actgcagcag	gggagggcga	ggatggcacc	ggccgctgga	gggcccgggt	gggaggtggc	2100
acccaggaag	gacccctcgc	tggcacctat	aaagaccacc	tgaaagaggc	ccaagcccgg	2160
gtcctgagg	ccacgtcctt	caagcgccgc	gacttggaac	ccaacccagg	agacctatac	2220
ccggagtca	tggaacaccg	gatgggggat	ccagacactg	tcctccactt	ctgggaggca	2280
ggcctggccc	agccaccctc	atctacaagt	ggcgggcccc	acccgccccg	catcgagggc	2340
cggagacggt	tcacagctga	gcagaaattg	aagtcctact	cggaacctga	gaagatgaac	2400
gaggtggggc	tcacgagggg	ctacagtcct	caccagcacc	ccaggacatc	tgaggatact	2460
gtgggcacgt	ttgctgacag	gtggaagttt	tttgaggaaa	cgagcaaacc	tggtccccag	2520
aggcctgccc	agaagcaagc	tcttcacgga	atcccagag	acaagccaga	gaggcccgcg	2580
acagcggggc	gcacatgtga	gggcacggag	ccctggtcgc	gcaccacctc	ccttggggac	2640
agcctcaacg	ctcacagcgc	agcggagaag	gcagggaact	cagacctgcc	gcggaggctc	2700
ggcacctttg	cagagtatca	ggcctcttgg	aaggaaacaga	ggaaacctct	ggaggccagg	2760
agctctgggc	gctgccactc	agcggatgac	atcctggatg	tgagcctgga	cccacaggag	2820
aggccgcag	acgttcacgg	gaggtcccgc	tcttcaccgt	ccacagacca	ctacaagcag	2880
gaagcttctg	tcgaactgcg	aaggcaggca	ggggaccccc	gcgagcccag	agaagagctt	2940
ccctccgcag	tcggggccga	ggaggggacg	tcacgcgcga	gacaagcaga	tgcccagtg	3000
cgggaaggca	gcccaggatc	acagcagcac	ccaccgagtc	agaaggcacc	gaacccaccc	3060
acattctctg	aactatctca	ctgcggggga	gcccagagc	tgccccggga	gggcccggggc	3120
cgagcgggaa	ccctacctcg	agattataga	tactcggagg	agagcaccac	agcagacttg	3180
ggaccccag	cccagagccc	tggctcacc	ctgcatgctc	gaggacaaga	ctcgtggcca	3240
gtgagctcag	ccctgctctc	caagaggcca	gcccacaga	ggccaccgcc	acccaagcgc	3300
gagcccagga	gatacagggc	cacagacggc	gcacctgctg	acgccccgt	gggcgtctc	3360
ggcaggccct	tcccacggcc	atccccctgc	tccttgatg	tgtatgtggc	ccgcctgtcc	3420
ctctcccaca	gcccctctgt	gttcagcagt	gcccagcccc	aggacacccc	gaaggccact	3480
gtctgtgagc	gtggaagcca	gcatgtgagc	ggggacgcat	cacgtcctct	gccagaagca	3540
ctgctccctc	ccaagcagca	gcacctgcgc	ctgcagacgg	ccaccatgga	gacctcgcgc	3600
tccccctcgc	ccagttcgc	ccccagaaa	ctgacggaca	aacctccct	gctcatccag	3660
gatgaggatt	caaccaggat	tgagcgggtg	atggacaaca	acaccacggt	gaagatggtg	3720
ccatcaaga	tcgtgcactc	ggagagccag	ccagagaagg	agagccgcca	gagcctggca	3780
tgccccgcgc	agccacctgc	cctgccccac	gggctggaga	aagaccagat	caagacgctg	3840
agcacatctg	agcagttcta	ctcgcgttc	tgtctgtaca	cgcggcagg	tgctgagccc	3900
gaggccccac	atagggccca	gcccgtgag	ccccagcccc	tgggacacca	ggtgcccccc	3960
gagaaagacc	gctgcacctc	ccctccagg	ctcagctaca	tgaaggccaa	agagaagact	4020
gtggaagacc	tgaagtgcga	ggagctggcc	agggagatcg	tggggaagga	taagtccttg	4080
gccgacatcc	tggatcccag	tgtgaagatc	aaaaccacta	tggacttgat	ggaaggcatc	4140
ttccccaaa	acgagcacct	cctggaagaa	gcccagcaac	ggaggaagct	gctccccaaa	4200
atccccctctc	ctagaagcac	agaggagagg	aaagaggagc	ccagcgtgcc	tgcgcccgctg	4260
tccttgcca	ccaattctac	ctactacagc	acgtcggccc	ccaaggcgga	gctgctgac	4320
aagatgaagg	acctgcagga	gcagcaggag	cacgaagagg	attcggggaag	cgacttggac	4380



cacgacctgt	cgggtgaagaa	gcaggagctc	atcgagagca	tcagccgcaa	gctgcagggtg	4440
ctccgggagg	cccgcgagag	cctgctggag	gacgtgcagg	ccaacaccgt	gctggggggcc	4500
gaggtggagg	ccatcgtgaa	aggcgtctgc	aagcccagcg	agtttgacaa	gttccggatg	4560
ttcattggag	acctggacaa	agtgggtgaa	ctcctgctgt	cgctgtcagg	ccgcctggcc	4620
cgggtggaga	atgcccctcaa	taatttggac	gacggcgctt	ctcccgggtga	tcggcaatca	4680
ctgcttgaga	agcagagagt	cctgatccag	cagcacgagg	acgccaagga	gctcaaggag	4740
aacctggacc	gccgcgagcg	catcgtcttt	gacatttttg	ccaactatct	gagcgaggag	4800
agcctcgcg	actatgagca	cttcgtgaag	atgaagtcgg	ccctcatcat	cgagcagcgg	4860
gagctggaag	ataaaatcca	ccttgggtgaa	gagcagctga	agtgccttatt	ggacagcctt	4920
cagccccgaaa	ggggcacaata	agagaccagt	ccccgggtgga	ggagggggcac	ggggcctccg	4980
agctccagct	ccgttcccaa	ggatactcgt	gaagacccca	tctgtgttca	tggcctggaa	5040
agagacttct	cccatagcaa	agaggctggt	ataaaagcaa	taacttttgt	gtttgtgtgg	5100
gatgatttat	ttaatttttt	agtttccccct	ttgattgctg	agagccattt	tcctttacac	5160
ataactacac	ctgacaccag	gctctgctgg	atgtgagttt	ccactgcatg	ggctgtgggc	5220
tgggcctgtg	gtgcctgccg	agtggtcact	gtcagtgagg	aaccgcgtgt	tcctcccgtc	5280
ttcagatgct	gagccaactg	cttggacagc	agccagcgcg	tcatagacgtg	catgagaggg	5340
ggaccctggg	gtcatcttc	tcttgtcatt	catccaggca	tgggctgcc	ggtttgtcc	5400
ctgctcgctt	aacagtgtga	gcatttgcct	ctgttatcta	atgatgttct	ctgaccacagc	5460
agaaatcatc	atcatgatga	tgataattta	ttacttttt	ggaaggggtga	atagtttcct	5520
aattggttaaa	aaccaactgt	gaaaggaacc	acctgtgtgg	ttgggttcac	tcattctcag	5580
attaaattgc	cacttaaaga	aataacgtgc	atgcttttaa	aaacacagtc	acgcaccaag	5640
caggcaata	gctttagtcc	ttctcacctc	acatcacagt	tgttctgcaa	agtaaaattt	5700
tttgggttaag	agcgtgtcca	gtagtaatgt	gcttgttagc	tgtttctcaa	gaccaacaga	5760
agattttttc	agttactttc	cccccatgta	ttttgtatgc	atatgattgt	ccgtgataat	5820
tgggctactt	ttccattggt	tcctccttaa	atcgtttagc	atggcatgag	ggccacattc	5880
catggacggg	aagacccccct	tcctcttcag	aggtcccgtg	ggacctacac	agcctccctg	5940
agcttggatc	ctttttcctg	ccccatgaag	ttttaaagat	tcctatgccc	catttccctt	6000
gattgaaatg	gcaggattcc	taaagagagc	cctggtttgt	taaaagaaaa	cactgtcatg	6060
cctgtcagtt	cccccaattga	caagtcacag	actgggagaa	aataatttgc	aatcgtgtat	6120
ctgacaaaag	gtttgtgtcc	aggatgtaca	aagaactctc	aaaccggata	gtaagaaaac	6180
aaacagccca	agtgaaaaagc	aggcaaaaaga	cttgaataga	cacttcacca	aagagcatac	6240
acgcgtggca	aacaagcaca	cgaaaagacg	ttcagccgcc	gatggccttg	ttataattta	6300
taacttactt	atttttatct	aataatttga	gattcagtgt	atttcttcaa	aaaatgttta	6360
attaaatgca	tgttaatggg	gagtgaatcc	cttgggtgac	ttcgtgttta	ggcgtatta	6420
gggcatttgt	tggatcaacg	gatcatttta	accctgactt	ccccttattc	ccataaaaga	6480
agttttccag	tggaatggag	atttcatttt	gtcagcagca	gtgaccacag	ccttaccaaa	6540
gcagacgcgt	gcgcgtgcac	agatgcacac	acacagatgt	cttaaaaagac	tagaatccac	6600
acttcctgag	ccagaggggc	cgtgttgacg	gtaatgcatt	ctctatagag	ccaagtccaa	6660
actggcaagc	tcaatgatgc	aggcaataaa	ccgccttttt	ggcagccctac	caatgccaaa	6720
aggataaatg	tctttccaaa	agtgtgtatt	cctgtttaat	taagctcttg	ctaacttgaa	6780
aaatccctgt	tctgccagcg	aagcttcctc	ctcctctcca	gctggtaggt	acttgcgtga	6840
atgctggtca	gtctgaaaag	gtgaagctgg	ctgtgcactt	acccccatct	ttctccctcg	6900
gggagacgac	ccaaggaatt	tcaaaatatt	ttgtttggca	gagcttttac	ctgttattct	6960
ttgccctcaa	atacagtatt	ggggtcattt	tgatgatag	tgtgtaaaat	gtgaataatc	7020
caattgggtg	ctgtactcag	ccttttgatg	tctttttagg	actttctctt	ctacacagca	7080
atacgtcgtg	ctcgagtatc	cttgtagcaa	agcacataga	gccagctgtc	ctgtcagttc	7140
ccctgtttgc	ctctgaaacg	tctgttagt	ggggacccaa	agattctagt	gagtcaacat	7200
ccataactct	gtatctagtt	gtattattca	tagaaaatca	atctgggtgct	aatgggtggc	7260
cctggtgttg	ttgggtggca	gctgctcctt	cgccctcttg	tagtgtggct	gtggagggct	7320
ctgcctatgg	ggggtggcct	gtggcttgta	tccttcagtc	caccacagca	aatgtgtgta	7380
gatttcatgc	tcgacactta	ccactcacct	atcaacagat	catcctgctt	gactggtaac	7440
aaaataaata	gtgtatcatt	caaaaaaaaa	a			7471

<210> 7696  
 <211> 963  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (40)...(961)  
 <223> similar to gi4200234 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7696  
 tttcgtccgg cgggtcgggtg agcgcgggcc gggccggaca tggcggcgct ctacgcctgc 60  
 accaagtgcc accagcgctt ccccttcgag gcgctgtctc aggggcagca gctgtgcaag 120  
 gaatgtcgga ttgcacaccc tgttgatgaag tgcacctact gcaggactga gtaccagcag 180  
 gagagtaaaa ccaatacaat atgcaagaaa tgtgctcaga acgtgcagtt gtatggaacg 240  
 cccaaacctt gtcagtattg caacataatt gcagcattta ttgggaataa atgccagcgc 300  
 tgcacaaatt cagaaaagaa gtatggacca ccctattctt gtgaacagtg caagcagcag 360  
 tgtgcatttg acaggaaaga tgatagaaag aaggtagatg ggaaattgct gtgctggctg 420  
 tgcacacttt catacaaacg ggtccttcag aagaccaaag agcagaggaa acacctgagt 480  
 agctcttctc gtgctggcca ccaggagaag gagcagtata gtgcctgag tggggggggc 540  
 cattataaca gccagaaaac actttctaca tcttcaattc aaaatgaaat cccaaagaaa 600  
 aagtccaagt ttgagtcaat cacaactaat ggagacagct tctccccaga cctggctctg 660  
 gactcaccag gcaactgacca ctttgtcatc attgcccac tgaaggaaga agtggctacc 720  
 ctgaagaaga tgttgcatca aaaggatcaa atgattttag agaaagagaa gaagattaca 780  
 gagtgaagg ctgattttca gtaccaggaa tcgcagatga gagccaaaat gaaccagatg 840  
 gagaaaaccc acaaagaagt cacagaacaa ctgcaggcca aaaaccgaga gctcctgaag 900  
 caggcagctg ctttgtccaa gagcaagaag tcagagaagt caggagctat aacctctcca 960  
 tga 963

<210> 7697  
 <211> 1349  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (354)...(779)  
 <223> similar to gi4633066 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7697  
 ccggtccgga attcccgacg acgatttcgt ctgacttccc cttagcaacc aagtcgcggc 60  
 gcttggttcc ccagcaaccg ggagacgcgt ctgctgcgtg gaaccgccga gttcccagcg 120  
 cttgagaagg aaaattcttg atctgttatc tgtgaggagg ccaactccgtt gacagttgtg 180  
 taaaactctg ctgctttccc cagctccaac ctctctggtc ttcaacaaca ctatcatcag 240  
 ggaaaacgtg ggggaagatg aaccagccgt gcaactcgat ggagccgagg gtgatggacg 300

atgacatgct	caagctggcc	gtcggggacc	agggccccc	ggaggaggcc	gggcagctgg	360
ccaagcagga	gggcatcctc	ttcaaggatg	tcctgtccct	gcagctggac	tttcggaaca	420
tcctccgcat	agacaacctc	tggcagtttg	agaacttgag	gaagctgcag	ctggacaata	480
acatcattga	gaagatcgag	ggcctggaga	acctgcgaca	cctggtctgg	ctggatctgt	540
ctttcaacaa	cattgagacc	atcgaggggc	tggacacact	ggtgaacctg	gaggacctga	600
gcttgttcaa	caaccggatc	tccaagatcg	actccctgga	cgccctcgtc	aagctgcagg	660
tgttgtcgct	gggcaacaac	cggattgaca	acatgatgaa	catcatctac	cttcggcggt	720
tcaagtgcct	gcggacgctc	agcctctcta	ggaaccctat	ctctgaggca	gaggattaca	780
agatgttcat	ctgtgcctac	cttcctgacc	tcatgtacct	ggactactgg	cgcatctgatg	840
accacacaaa	aaagcttgcg	gaggctaagc	accagtacag	catcgacgag	ctgaagcacc	900
aggagaacct	gatgcaggcc	cagctggagg	acgagcaggc	gcagcgggag	gagctagaga	960
agcacaagac	tgcgtttgtg	gaacacctga	atggctcctt	cctgtttgac	agcatgtacg	1020
ctgaggactc	agagggcaac	aatctgtcct	acctgcctgg	tgtcgggtgag	ctccttgaga	1080
cctacaagga	caagtttgtc	atcatctgcg	tgaatatattt	tgagtatggc	ctgaaacagc	1140
aggagaagcg	gaaaacagag	cttgacacct	tcagtgaatg	tgtccgtgag	gccatccagg	1200
aaaaccagga	gcagggcaaa	cgcaagattg	ccaaattcga	ggagaagcac	ttgtcgagtt	1260
taagtgccat	tcgagaggag	ttggaactgc	ccaacaccat	tcttccccc	cccttgga	1320
aacttccaaa	agtagagaaa	ataaaggac				1349

<210> 7698

<212> DNA

 $\langle 220 \rangle$ 
$$\langle 222 \rangle \quad (107\bar{1}) \dots (213)$$

Run with FASTXY 3.3t00, default parameters

<400>	7698						
tttttttttt	ttaaaaggtc	aattctat	tattggtct	gagagggagg	attcaccagg		60
tggatccttt	tccctacact	ctccccctcc	ccaatattga	ggctctctcc	caactactgc		120
ctattcagca	ttctctatct	aaccctcctt	ccccttctac	ttcctatact	atcctacccc		180
tggccagcag	taccccaagg	ccaggccctc	agctgtgggg	gcgtgtgctg	agcaccaagc		240
agagggagct	gagcccggcg	ccagccttct	ccagttctga	gcaggacaca	ggtaccaggg		300
tgacatcaga	gagcttctgc	agtgcctcct	ggctgttggg	cagatcccca	cctccacggt		360
gcaggaggaa	agggggcaca	ccaggcaacc	caggacgaag	aaagagacag	tcagcagctg		420
cgtcatcttg	gagggtcagg	gaggcatatg	ggtgatctgt	cagcactgcc	attgcccgga		480
cagccttttg	ggcagcgtcg	ctgctgcctg	ccacaacagt	gcgaggtccc	cccatgccgc		540
agagaccgcg	caggtgggag	ggacccgaga	ctggcacagt	ggagacggcg	aagtcccgga		600
acgtgtccgc	cacgatctca	gctcctcggg	gattggteca	tttggagagg	cctacgaaaa		660
actcccgccc	ggtgaagaga	acgtcagtcg	catccagcgt	cgcttctctg	tctcctat		720
ccacaattcg	gagccccagg	tcttgcaggg	ctttgcgga	tcctatcgacc	tctggcctac		780
gagcggggct	ccagggccgc	gtgattaggg	ccgtgtcccc	ttggtacacg	gccgtgtcgc		840
caagcagcgg	tcccagcggc	aatgactcct	caggtgtccg	ttctagcagc	tgtagcccca		900
gtcgttgctt	cagtttaact	cccagcacc	cgtgtccctt	ttgagctttg	gccagatcca		960
gagcgggaag	gccagccccc	gcacctcccc	ccgacgccag	gctctctggg	actccccgga		1020
tcagggcatg	ggagcagcgg	cccagcccc	cccccgcggt	ccccatccca	tcacacaga		1080
ctccccctcc	aaccgcctcg	atttcttagt	tttcttgttt	cttcacctgt	ctccagcggc		1140

```

cacccccact cctgtcgcgc tgtgatctcg gctggggccc cacccccga ggacagagtt 1200
ggtggagaag ggagtccccg tcttcaagcc tcggggactg ggagctctgg cttttagcgg 1260
gggtccttgt gtaggcgagc tcatatacta cgatggggca ggggcgcgac ggtctggcgg 1320
ctccggggc 1329

```

```

<210> 7699
<211> 2018
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2019)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1839)...(64)
<223> similar to gi5911862 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7699
tttttttttt ttggactgct tagaaaattc agctttaatg gccccagccc ttctgtctga 60
gtctagtagt ccagggcaca gatgagggcc acaccacgct ttatccagtg tcgctggggc 120
tgatgggtgg ggatctccac agcaatgaca tagttggtag agtgtcctgt ggttgatagt 180
gttccagcac gagtcaagtgt cttgtagatg gggcacaggt aaaagtcctg gtcctggggc 240
ttgcggttgg gtgttggtgaa gagccagata acggccatct ctgtgtacag ctccctggggc 300
tgagactcag ccagctggaa ggctcttgga tcccagcggg caccttccag gaataatcca 360
tggatatagc accctacttg gggctcttct gttaactctg atggtgcctc aaacatcacc 420
ttgaaatcaa aggagatggg gtcaatggag atgacaaatt tgcgggcaaa attctgcaga 480
gtgcctgtta agaaagcctg ggggaagaag aatccactga tccagaagac agctgggatg 540
ccatcttgga tccaggcctg cagaaagtcc aggcgttgca gcagggtccat gacctgat 600
gacagaggct tgagcgatgg gtaggccttg gcactccaga gctcaggcac agtattgttg 660
tacaggctgg cagccatcag ctccagctga gaggacatca ctaccagccc cttgagtgcc 720
ttgagtaggt cttgcagtgt ctgtgtgatc acctgcagca gccgattgta cctaatagacc 780
tcttgtaacta gtactgtgtt cattgattcc tcatacagca ctgggtactt ggccatcacc 840
cattgcaagt tgataggctc aggcaccttg agcagaatgt tttgggtgac gtccctccact 900
atctcctccc ggccttggtc gcctgcagaa gatgatattg gttgcagctg gatgatggg 960
cccaggaggg cgaacgtctc gttctgggca aaggtgatgt tggcattgtc atgcaggcca 1020
aagatctcag gcatatcatt gagtgggagg ctcttgatgt aggagaggta gccgtggagg 1080
tcgtaggtag gcgggatctg gtggtagatg cccgaggcgc tgtagctgtg ctgaggggag 1140
agcacgtcag ggttgtagaa gtccctcaag atgttcatga tgcagcgccg gtcccagtc 1200
tcagtgcacac ggccccgta attgatctcc cctgccgtgt acttgaggac cttgtagggg 1260
atgtcatcat attcgtccag gaacatcttg agctggctga tgcagatgcg cagatctcca 1320
tccgtgaact cataggggat gttgaagccc aggggcccaa acttacggcg ctccagggcg 1380
ttcccatgga acaagcacag agacagcagc agagacttga actccatcac cttgtggcag 1440
gagttgagga agtcttcacc aaggctacta taggacttca gcaggttggc cctgacaccg 1500
cgtggcggct caatggtcat cttggagccg ttctgcagga tggacactgg gaacttggtg 1560
ctgggcaggc tggtagacca gaggcggaag tccctgtgta ccttgctcgg gttgatgtgc 1620
tcgatgaggc gttctagggc tggcatccag cttggtgcca ggtggcagtt ctggaagaag 1680

```

acccatttgc	ccctctctat	ggagctgcgc	atcatggctt	ctgcccagag	gccctgcccc	1740
tggcccagg	agatggcaga	gagctttttg	gagaacttca	tttcttcggc	aaacttgtag	1800
aggtcggcag	caggggtctgt	gccgggtgac	agcacaaaga	tgaggggtgt	ggtggagttg	1860
gagtccttga	acaccactga	cagattggct	gtctgggggtt	caatgaagcg	tggctccagg	1920
ttggtgacca	aaaagtcctg	catggcggtg	gtaacctgtg	ccccacgcag	gcagcgcctc	1980
gtaccaagct	gnnnntntca	tgtcgtaacg	taatcaag			2018

<210> 7700  
 <211> 2746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2725)...(1035)  
 <223> similar to gi3493162 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7700						
ggtgctggtg	ggcgcacagg	tgcacctgat	gtcactgtgg	gcacgacagc	tgggccagag	60
gaccaccacc	agctggtagg	acacagcacc	ctcgctgtgt	gggagcagtt	gggtgcactt	120
tggcgctctg	tgtcttgtga	ctggaagctg	tgtttatggt	attttgcaaa	tactaacata	180
aatgggcact	cagtaaacac	ccagtttagaa	aacgttttat	ggacacggaa	cgctccactg	240
taacgggcag	gcagaacaca	ctcctttccc	aggctcatca	attaaacaga	aaacagggga	300
gctctcctca	ccccagcctg	gcccgtgtgt	ccccaatggc	ccctgcgagg	cccctaccat	360
ggcctgcctg	ggagacacaa	actatgacag	gaacacactg	gactgataca	gaatgaggcc	420
agacacaccc	atgcctgtgc	ctcccaagag	cgaccccagg	acagtggggc	agacagaggt	480
gtctacactg	gcagaaacaa	gggctggagc	cacacgtgat	gctcggacac	aaacggcacg	540
cagctctgca	gcctggccac	acacccttcg	cgatgactc	cactcctcag	ggttcacggg	600
gctgtgtaca	gagactctct	ctgctgacac	gatggccaca	cgcccttcgt	gtatgactcc	660
actcctcagg	gttcacgggg	ctgtgtacag	agactctctc	tgctgacacg	atggccatat	720
ggccttcgcg	tatgactcca	ctcctcaggg	ttcgtggggc	ttggagactc	tgctgacatg	780
ataccacaga	caattcatta	cctccccgcg	gctgcttccc	gcatgccaaa	ggggacagga	840
tcaaagtcct	tgtctgatga	caaaaactct	acacgtgcaa	aataaaaacta	aaaaaataaa	900
ataaaaagagc	tgaaggtggt	ctagagttag	gtcttggcag	aggccgcagg	ctctggagac	960
tgaagaaaact	cataggggtc	gtgggtgacg	tctggctgct	ccccgacact	caggcgagaa	1020
gggcttcccc	ggtggtgctg	gtccctctcg	gagggcttgg	acagggagct	gaggttgagc	1080
gacggccgag	agccgcgcgc	ctccgcctgt	gcttcgtgca	ggtcctgcag	gagcttcgtc	1140
gtctcatcca	agttcaaatg	gctgtcgtca	gggtccagct	ccttcttcac	cttccccaga	1200
gagctgagca	tggagatata	cacagaaacg	tcgggatagg	acttcacatg	catgaactcc	1260
agaacagagc	tgtgtgtgtc	tcctaggggtg	tccccaaact	tggcttcac	tggaggcttc	1320
atgggaacat	ttcttctctg	cttcagctgg	aagagcgctc	tagagtggtc	tccgcctgtg	1380
atctggtcca	ggaggtcgtc	caccactttc	ttgctgtagc	tcccagcatc	cttcacaaac	1440
tcctgcaggc	tcagcgcaca	ctgcacgcct	gtctcatctc	cgtaggctga	gtagagcagc	1500
tccatctcgt	ccgacttcaa	gtcgccaaat	actgaattat	tctgcatcga	aagcgcagta	1560
gtggcactgg	agagaaaggt	gactttgttt	cttctctcgt	ctttgaagcc	cagcgtgggtg	1620
aagcctggga	gtagcttact	ggagagcgag	ctcaagtcca	ccgggtgggt	ctcctcctca	1680
tcagcgtccg	gctcgccggt	gttgaccacg	ctgtagagca	ggctcccgtc	cccgttcctc	1740
ttcagatagc	ccatcttgcc	gcctgggagg	aaccggttga	tcctgtcccg	agcttcgtca	1800
gctgcgtgct	ccaccagcgc	cagcacgtgc	tcctctgcgg	tactgtccgt	caagctgcag	1860

```

gcattccctt caggctcaaa catgcagctg ataacttctc tactcggtt tttggatttc 1920
ttggcagttt ctacttgtac tggtaaacat tcagggacag gttcctcaac agctgtatct 1980
tcattgcccc aaagagctgc ctgtttgctc atcatcttaa agcctgcgtg aaggatcttc 2040
ttcgccaact tgtagtacac ggtatctggc ctattgtatg tcattgcatt atcacacatc 2100
agcttgaaat ctgccttaaa ttccgtaact gacttgtatt cattagctac aattttgtct 2160
ttcatgggtc caaaatccat gggatgtttt attatcattg aatatccagg agcaattgca 2220
tccgtgacag gaaaagcaaa aaatccatgg ggatcttttc tctgaagctg gcggaggaag 2280
tgttccagga gttgctgaat aggtgtgctc tcattttcgg ctggctgtgt ccggcacgct 2340
cggactggcc gatctggggg cggctccacc tccaccttct tcccaggatc aaagtcgtca 2400
gcctctccct ccgtgtcaca gtgctccctc tctcgcttcc gcttcttctc ttcttttcgc 2460
ttctttcttt cctcatcgtc cagatgcttc tccttctcgg acttcttctt cttcttcttt 2520
ttcttttctt tgtgcctctc tcgctcatgg tctgacctgt catcatagta actggagtcg 2580
tggccggatc ctgagagttc agtcaattca cttctccga ccttcaggac tagctttaga 2640
ggcttctcca ggggcttgct ggcataatcc tcgtaggacg agcgccactc ggccttgtgc 2700
ttcttgtgct tcttggccat ggcggcgccg gcggcgggcc cgaggc 2746

```

<210> 7701

<211> 1697

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (17)...(1672)

<223> similar to gi2411475 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7701

```

cctggcggat ggagacatgc tgcccttgcct gctgctgcc ctgctgtggg gggggctcct 60
gcaggagaag ccagtgtacg agctgcaagt gcagaagtcg gtgacggtgc aggagggcct 120
gtgcgtcctt gtgccctgct ccttctctta cccctggaga tcctgggtatt cctctcccc 180
actctacgtc tactgggtcc gggacgggga gatcccatc tacgtgagg ttgtggccac 240
aaacaaccca gacagaagag tgaagccaga gaccagggc cgattccgcc tccttgggga 300
tgtccagaag aagaactgct ccctgagcat cggagatgcc agaatggagg acacgggaag 360
ctatttcttc cgcgtggaga gaggaaggga tgtaaaatat agctaccaac agaataagct 420
gaacttggag gtgacagccc tgatagagaa acccgacatc cactttctgg agcctctgga 480
gtccggccgc cccacaaggc tgagctgcag ccttccagga tcctgtgaag cgggaccacc 540
tctcacattc tcctggacgg ggaatgccct cagcccttg gaccccgaga ccaccgctc 600
ctcggagctc accctcacc ccaggccga ggaccatggc accaacctca cctgtcagat 660
gaaacgcca aaagctcagg tgaccacgga gagaactgtc cagctcaatg tctcctatgc 720
tccacagacc atcaccatct tcaggaacgg catagcccta gagatcctgc aaaacacctc 780
ataccttccg gtccctggagg gccaggctct gcggctgctc tgtgatgctc ccagcaaccc 840
ccctgcacac ctgagctggg tccagggtc ccttgccttg aacgccaccc ccattctcaa 900
taccgggatc ttggagcttc gtcgagtaag gtctgcagaa gaaggaggct tcacctgccg 960
cgctcagcac ccgtgggct ccctgcaaat ttttctgaat ctctcagttt actccctccc 1020
acagttgctg ggcctctcct gctcctggga ggctgagggt ctgcaactga gatgctcctt 1080
tcgagcccg cgggccccct ccctgtgctg gcggcttgag gagaagccgc tggaggggaa 1140
cagcagccag ggctcattca aggtcaactc cagctcagct gggccctggg ccaacagctc 1200
cctgatcctc cacggggggc tcagctccga cctcaaagtc agctgcaagg cctggaacat 1260
ctatgggtcc cagagcggct ctgtcctgct gctgcaaggg agatcgaacc tcgggacagg 1320

```

```

agtggttcct gcagcccttg gtgggtgctgg tgtcatggcc ctgctctgta tctgtctgtg 1380
cctcatcttc tttttaatat tgaaagcccg caggaagcaa gcagctggga gaccagagaa 1440
aatgatgat gaagacccca ttatgggtac catcacctcg gggtccagga agaagccctg 1500
gccagacagc cccggagatc aagcatctcc tcctggggat gcccctccct tggaagaaca 1560
aaaggagctc cattatgcct cccttagttt ttctgagatg aagtcgaggg agcctaagga 1620
ccaggaggcc ccaagcacca cggagtactc ggagatcaag acaagcaagt gaggatttgc 1680
ccagagttca gtcctgg 1697

```

```

<210> 7702
<211> 4041
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (161)...(2453)
<223> similar to gi3283370 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7702
gtccttccca cccttagtcc caggcatctg actaccggga acctcagcca gagtccggga 60
gccccccacc ccgtccagga gccaacagag ccccgctctt gctggcgta gaatacattg 120
ctctcctttg gttgaatcag ctgtccctct tcgtgggaaa atgaaccaga agacaatcct 180
cgtgtccctc attctggccg tcatcaccat ctttgccctg gtttgtgtcc tgctgggtgg 240
caggggtgga gatgggggtg aaccagacca gcttccccat tgcccctctg tatctcccag 300
tgccagcctc tggacacacc ctggccagag ccagctgttt gcagacctga gccgagagga 360
gctgacggct gtgatgcgt ttctgacca gcggctgggg ccagggtggg tggatgcagc 420
ccaggcccgg ccctcggaca actgtgtctt ctacgtggag ttgcagctgc ctccaaggc 480
tgcagccctg gctcacttgg acagggggag cccccacct gcccgggagg cactggccat 540
cgtcttcttt ggcaggcaac ccagcccaa cgtgagttag ctgggtgggtg ggccactgcc 600
tcacccctcc tacatgcggg acgtgactgt ggagcgtcat ggaggcccc tgccctatca 660
ccgacgcccc gtgctgttcc aagagtacct ggacatagac cagatgatct tcaacagaga 720
gctgccccag gcttctgggc ttctccacca ctgttgcttc tacaagcacc ggggacggaa 780
cctggtgaca atgaccacgg ctcccgtgg tctgcaatca ggggaccggg ccacctgggt 840
tggcctctac tacaacatct cgggcgtgg gttcttctg caccacgtgg gcttggagct 900
gctagtgaac cacaaggccc ttgacctgc ccgtggact atccagaagg tgttctatca 960
aggccgctac tacgacagcc tggcccagct ggaggccag tttgaggccg gcctggtgaa 1020
tgtggtgctg atcccagaca atggcacagg tgggtectgg tccctgaagt cccctgtgcc 1080
cccgggtcca gctccccctc tacagttcta tccccaggc ccccgcttca gtgtccaggg 1140
aagtcgagtg gcctcctcac tgtggacttt ctcttttggc ctcgagcat tcagtggccc 1200
aaggatcttt gacgttcgct tccaaggaga aagactagtt tatgagataa gcctccaaga 1260
ggccttggcc atctatggtg gaaattcccc agcagcaatg acgaccgct atgtggatgg 1320
aggctttggc atgggcaagt acaccagcc cctgacctgt ggggtggact gcccctactt 1380
ggccacctac gtggactggc acttcctttt ggagtccag gcccacaaga caatacgtga 1440
tgctttttgt gtgtttgaac agaaccaggg cctccccctg cggcgacacc actcagatct 1500
ctactgcac tactttgggg gtcttgcgga aacggtgctg gtcgtcagat ctatgtccac 1560
cttgctcaac tatgactatg tgtgggatac ggtcttccac cccagtgggg ccatagaaat 1620
acgattctat gccacgggct acatcagctc ggcattcctc tttggtgcta ctgggaagta 1680
cggaaccaa gtgtcagagc acacctggg cacggtccac accacagcg ccacttcaa 1740
ggtggatctg gatgtagcag gactggagaa ctgggtctgg gccgaggata tgggtctttgt 1800

```

```

ccccatgget gtgccctgga gccctgagca ccagctgcag aggctgcagg tgacccggaa 1860
gctgctggag acagaggagc aagccacctt ccccatggga ggcgccaccc ctcgctacct 1920
gtacctggcc agcaaccaca gcaacaagtg gggtcacccc cggggctacc gcatccaggt 1980
gcgcagcttt tctggggagc cactgcccc aacagctcc atggagagag gcttcagctg 2040
ggggaggtag cagctggctg tgaccagcg gaaggaggag gaacctagta gcaccagcat 2100
ctacaatttg aatgacctt ggacacccac tgtggacttc actgacttca tcaacaatga 2160
gaccattgct ggaaaggact tggaggcctg ggtgacagct ggttttctgc atatcccaca 2220
tgcagaggac attcctaaca cagtgactgt ggggaacagc gtgggcttct tcctccgacc 2280
ctacaacttc tttgacgaag accctcctt ctactctgcc gactccatct acttccgagg 2340
ggaccaggat gctggggcct gcgaggtaaa cccctagct tgctgcccc aggctgctgc 2400
ctgtgcccc gacctccctg ccttctccca cgggggcttc tctcacaact aggcggctct 2460
gggatggggc atgtggccaa gggctccagg gccagggtgt gagggatggg gacagctgg 2520
gcactggggc ggcagcctgg ttccctcttc cctgtgccag gactctcttc cctccactgc 2580
cctccttcac atccccctct gagccaggag cctcctgacc ctgtgatgcc tgacacaggg 2640
gacactgaac cttgttgatg ccagctgtac tgagttctca tccacagagg ccaggcatgg 2700
cccagcctgg agcctgggcc gagggcttcc ctatagtggt ccctttgttg ctgtctggct 2760
ttcccgaaac tttttaggcc acctccaagg actctaaaag ggggctattc cctggagacc 2820
ccagatgtag gttgccagtc ctgcaagtcc atagctgagc tggaaaggat gcttctgctc 2880
acattccctc tcatccaggt ccttctcttc tctcttctc ctctctcacc tacttctctc 2940
tcctcctcct gttcctgcct tctcttctat cctgcaattt ctcccaggaa tcctgagggg 3000
catatcccta tgtgccagc ccctgggtac tccccagac cctcagtttt cagttcaagt 3060
tcctgtctct ctccagccct atggaagtct caaggctcag ggactcttaa tcaagagtgg 3120
ccaatccctg tgtgtcgttc ccttgtgtct gttgcttatt gggagtagga gttgtccta 3180
cccctgtcct ggggctgggt gtgtttcagg acagctgctt ctgtgcattt gtgtctgcct 3240
gcctcatgct ctctatagag gaggatggtc atcgtgacag cagcagctca agttagcatt 3300
tcaagtgatt tgggggtgca atgataatga agaattggcca ttttgtacca gggctctgta 3360
ttctgcaaca gcctgttttg gaggctggag tggaaacaaa ggggtgggcat caaagatgag 3420
aagccaaaag ccctacaact ccagccaccc agccaggagg ggctgtccaa tcacattcag 3480
gcatgcgaat gagctgggcc ctgggtgagg tgggggtctg gcctagtggg gaggggctg 3540
gcctgggtgg ggcagggcct ggccctggctc aggcctgggc tccattccca tcaactgctg 3600
ccctcctgag gtctggattg gggatgggga caaagaaata gcaagagatg agaaacaaca 3660
gaaacttttt tctctaaagg actggttaaa tcaattctga tacagcctta caatacaata 3720
gtatgcagct aaaaaataat tgtatgtctt tatatactaa tatgtaataa tcttcagggt 3780
aaaaaggcaa gccacagaaa tgtgtatagc gcacttccca tttgtgtttc agaaaggagt 3840
agaatataaa cacataattg cttatgtatg cctattcaga ataaatgggt aacactgatt 3900
acttttggga ggggaaccag taggttgagg acaggagagg gaagggtctt aacacttaca 3960
cccttttgta cattttgaat tttgaaccat gtgactgtat tacctattca aaataaacia 4020
taaattgggc caaaaaaaaa a 4041

```

```

<210> 7703
<211> 4323
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (690)...(2568)
<223> similar to gi416180 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```



<400> 7703						
ccaacttatt	taaaacaaaa	caattttgta	ggtattatta	tacccatttc	acagatgatg	60
ataaatgaga	ccaatagaag	ttaaataact	tgccaaaggc	cacacagctg	gtgagtgatg	120
gagaacgaat	taaaactcaa	gtgagcataa	ttctaaaagc	catcttctcg	ttagtgtttc	180
tcactatcca	ggtctgcctt	tgctttattt	aactgaagtt	aagccatcct	tacctgtgat	240
cacctagcct	ctcagtttgg	ggggatcatt	acagcgggtt	tttaactccc	aatgtttctg	300
tccagtttgc	tttcatgttt	cttattttata	cattgtcaag	gatgacctca	ggacagtaca	360
gcaaggacac	agtggcactt	cacattttgt	tcccacgaaa	tgactggggc	ataatctcag	420
atcatcttcc	tttagaatgt	ggaaacatca	gcagaagaat	attagtcttt	atacaagtca	480
aatccaaaat	gacacatgtg	aaaactaata	gagctgactt	tcagccatga	tagctttggc	540
acacctcaca	tccctttgtt	caacctctct	tccctcaacg	gagagctgca	ttcctgggaa	600
tttctgttgt	gcacttttcc	cacttgccct	gctgtcattt	aaaggtgaac	attctagtgt	660
tgctaagaaa	acccttttct	tcattttggaa	tgaacagcaa	ttttattact	tttgacctta	720
aaatgagttt	gctgccttca	aatcttttca	gcgccttcat	cacgctctgc	ttcggggcga	780
tcttcttcc	gccagactcc	tccaagctgc	tcagcggggt	cctgttccac	tccagccccg	840
ccttgacgcc	ggccgccgac	cacaagcccc	ggcccggggc	gcgcgccgag	gacgcggccg	900
aggggcgagc	ccggcgccgc	gaggaggggg	cacccgggga	cccggaggcc	gccctggagg	960
acaacttggc	caggatccgc	gaaaaccacg	agcgggctct	cagggaagcc	aaggagaccc	1020
tgcagaagct	gcccagaggag	atccaaagag	acatcctact	ggagaagaag	aagggtggccc	1080
aggaccagct	gcgtgacaag	gcgcggttca	gaggcctgcc	cccggtgagc	ttcgtgcccc	1140
caatcggggt	ggagagccgg	gagcccgcgc	acgcgcctat	ccgcgagaaa	agggcaaaga	1200
tcaaagagat	gatgaaacat	gcttggaata	attataaagg	ttatgcctgg	ggattaaatg	1260
aactcaaac	tatatcaaaa	ggaggccatt	caagcagttt	gtttggtaac	atcaaaggag	1320
caactatagt	agatgccctg	gatacacttt	ttattatgga	aatgaaacat	gaatttgaag	1380
aagcaaaatc	atgggttgaa	gaaaatttag	attttaatgt	gaatgctgaa	atttctgtct	1440
ttgaagtaaa	tatacgcttt	gttggtggac	tactctcagc	ctactatctg	tctggagaag	1500
agatttttctg	aaagaaagca	gtggaacttg	gggtaaaatt	gctacctgca	tttcatactc	1560
cctctggaat	accttgggca	ttgctgaata	tgaaaagtgg	tattggaagg	aactggccct	1620
gggcctctgg	aggcagcagt	attctggcag	aatttggaa	cctgcatttg	gagtttatgc	1680
acttgagcca	cttatcagga	aaccccatct	ttgctgaaaa	ggtaatgaat	attcgaacag	1740
tactgaacaa	actgaaaaaa	ccacaaggcc	tttatcctaa	ctatctgaat	cccagtagtg	1800
gacagtgggg	tcaacatcat	gtatcagttg	gaggacttgg	agacagcttc	tatgagtatt	1860
tgctgaaggc	ctgggttaatg	tctgacaaga	cagatctgga	agctaagaag	atgtattttg	1920
atgctgttca	ggctatcgag	actcatttga	tccgcaagtc	tagcagcgga	ctaacttata	1980
tcgcagagt	gaaagggggc	ctcctggagc	acaagatggg	ccacctgacc	tgcttcgcgg	2040
ggggcatgtt	cgcactcggg	gctgatgcag	ctcccgaagg	catggcccaa	cactaccttg	2100
aactcggggc	tgaaattgcc	cgtacttgtc	atgaatcata	taatcgaaca	tttatgaaac	2160
tgggaccaga	agctttcaga	tttgatgggtg	gtgttgaaag	catcgctaca	agacaaaatg	2220
aaaaatacta	catcttacgg	ccagaagtta	tggagactta	catgtatatg	tggagactga	2280
ctcatgatcc	aaagtacagg	aaatgggcct	gggaagccgt	agaggccttg	gaaaaccatt	2340
gcagagtga	tggaggctat	tcaggcctaa	gggatgttta	ccttcttcat	gagagttagt	2400
atgatgtgca	gcagagtttc	ttcctggcag	agacattgaa	atatttgtac	ctaataat	2460
ctgacgacga	tcttcttcca	ctggagcatt	ggatcttcaa	tagcgaggca	catcttctcc	2520
ctatcctccc	taaagataaa	aaggaagttg	aaatcagaga	ggaataaaaa	gacattttat	2580
attttattct	gtctcattcc	cttcaactgt	taccttaata	attccttttc	tggtaatcag	2640
gcacatgatg	aactttgatt	agtaggtctg	tgattaaagt	cttaaattgt	tttgacgtct	2700
tttatgttta	ttatcatagg	tataggtgga	cctaaattcc	ttatcatatc	ctttattaat	2760
tcagccagtg	tatccaccag	ttttttgttt	atgtttttta	gtaacctatt	atctctggat	2820
ttcatgaagg	tgtaatatcg	tttttggtta	actgaataga	attgtatagc	gatgacttct	2880
taattataat	ttgatttgac	tgcaaaactt	tttcctcctc	taagaggaga	tgatgtctgc	2940
tttaagctgt	aatgttttgc	catgttgcaa	aaagccataa	taataagtat	aaaaaagctt	3000
tttcctttac	aatttcatgt	taatctggtt	tgtctgtcca	ccagagacag	atcttctgtg	3060
acagcctcct	tatgcaggtc	tatcattatt	tgatagaatg	tcttctaaaa	tacttcactc	3120
acattgtaat	tcaaataga	aagtcattcc	aaaaggatca	tgtcatgttg	acctcatttc	3180
atcggaactg	cagtatat	ttgttggtta	attatattag	tgttttctat	tttgtaaagt	3240
tgctccttaa	ttttacttta	aatgcctgt	gtcatttctg	gattatatac	tagttaat	3300
cttccattcc	ctactacaca	gagaggtgag	ctttcaaatt	ttgcagagct	ctgctatcac	3360



ttgatgctgt	caaggggaag	tgcgtcctct	tcccctacgg	gggctgccag	ggcaacggga	1260
acaagttcta	ctcagagaag	gagtgcagag	agtactgcgg	tgtccctggg	gatggtgatg	1320
aggagctgct	gcgcttctcc	aactgacaac	tggccgggtct	gcaagtcaga	ggatggccag	1380
tgtctgtccc	ggggtcctgt	ggcaggcagc	gccaagcaac	ctgggtccaa	ataaaaacta	1440
aattgtaaac	tcctaaaaaa	aaaa				1464

<210> 7705  
 <211> 1029  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1030)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (949)...(214)  
 <223> similar to gi4894854 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	7705					60
tttttttttt	ttagcagaca	cagacacaga	tgttttattcc	aggaagaggt	ctaagaaacg	120
agcttcttag	agcatgtgtc	acggggcagc	cagtcctggg	gctctcagag	ccagccccct	180
cccttcagca	gctgaagcaa	tagcgcccc	attttacagg	cggagcatgg	aagccagaga	240
ggtgggtggg	ggaggggggtc	cttccctggc	tcaggcagat	gggaagatga	ggaagccgct	300
gaagacgctg	tcggcctcag	agccctggta	aatgtgacct	tttttgggg	ctttttcaac	360
ccagacctgg	tcaccctgct	gcagctgaag	caccatgccc	cctgacacca	cctggaagag	420
ccccttggtg	gtggtgtcac	agaagcccag	ggagcgtcgg	acctggcccc	ttgaggagga	480
gacgatggac	aggcagattt	cccactggga	cagcacctgg	aaggtgaagt	agtagtagcc	540
gggtacagtg	cagacgaatc	ggccggagtg	gttctggtac	ggttcttcct	ggttggtgat	600
gaccgtgtcg	aagatgacca	cgttgccccc	cattgggggg	ttccgccgaa	tggcggagaa	660
ggctggcctc	ggctggtcct	tgatgtttcc	tgggctgccc	ttggtgcctt	taattcccgg	720
gatgccacgg	gccccgaggg	ggccgctggg	ccctgggtag	cccaccttgc	cgggggtttcc	780
agagggcccc	ggttccccct	ggtctccttt	aaggccttgg	atgcctgtcc	ggatgccagg	840
ggcccccggc	tccccttgct	cccccttgag	gcctggccgc	ccccgtctgc	caggtcttcc	900
tgccctccct	ttcttcccgt	ctgggtgctcg	gcacaagtc	tcggtcacca	tagaggccag	960
cgatatggcc	agcacacaga	gcaccagcca	tccccgggga	ccctccatga	tgccctctgc	1020
tcctgttgct	gactgccgct	gcatgcgaat	tcgacctcac	aggactaggg	gtctcgaant	1029
tttttttct						

<210> 7706  
 <211> 2178  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (136)...(574)  
 <223> similar to gi2662291 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7706  
 attggctgtt gctaggaacc gtctcaaggc cttatgggcc ctggttacgg aagccgagga 60  
 aggctgagcg cgggctctca aggaagtag tgcggaatc tcagttagcg gtggagaggc 120  
 agtatgtccg gttcaatggc gactgcggaa gctagcggca gcgatgggaa agggcaggaa 180  
 gtcgagacct cagtcaccta ttaccggttg gaggaggtgg caaagcgcaa ctccttgaag 240  
 gaactgtggc ttgtgatcca tgggcgagtc tacgatgtca cccgcttcct caacgagcac 300  
 cctggaggag aagaggttct gctggaacaa gctggtgtag atgcaagtga aagctttgaa 360  
 gatgtaggac actcttctga tgccagagaa atgctaaagc agtactacat tggatgatc 420  
 catccgagtg accttaaacc tgaaagtggg agcaaggacc cttcaaaaaa tgatacatgc 480  
 aaaagttgct gggcatattg gatatttacc atcataggcg ctgttctctt aggtttcctg 540  
 taccgctact acacatcgga aagcaaatcc tcctgaggag gccttgctga agttagaaaag 600  
 tgcattccact ttggggcgaa aactagagac ttgcttgagg gctgcagaag tgccctctcc 660  
 tcgaatcctg ccagttgcat tcttccccct tggagccaag acgattggcc agacatcacc 720  
 tcagatctga gaccagcgtc ttccatctct cagagcctta ctcccaaagt acctgctcac 780  
 tgttccgtgt tgaacaattg ccggtgtttc ctctcttcac tggtttccat gagtaccctt 840  
 atatttcaca actttctgtt cataagttat agtgacattg ctctttggta aaaatgcctg 900  
 ctttccaata ctttgattgc atattagaca ttcttaacag ggcggcagtc tagtggtgaa 960  
 agttttatth ttccattttt cttttaagta aatttttttt aaaaaattct gatttagggc 1020  
 taggtgtggt ggctcaggcc tgtaatcctg gcactttggg aggccaaggg gggaagatcg 1080  
 cttgaggcca agagttcaag accagcctgg gcaacatagc gagacccta tctgtattaa 1140  
 aaaaaaatct gatttaattc ttttatttat cataaggggt ttaattcctg aagtaaagggt 1200  
 ttgcacctat taaacttaaa actgccaaat gatttttgtt cttttatgtg cgtgataaaa 1260  
 atacaaagaa tgggtgtggc acctcctccc tttcaagcta gggcagcagg tagctcttcc 1320  
 cagccctga gccagcccc ttccaagtg gtgcccga aaaaactaca tggccctttc 1380  
 gtgtcttggg ggtggaaagg gagggatgaa ttgggggtgat agaaccctgg tgaattcaga 1440  
 gtaatctttc tttagaaaac tgggtgtttc taaagaaaca gtagaggagt ttagagaagg 1500  
 caccaaagct ttcactttgg tttggcacca gtttctaacc atctgttttt tctaccctag 1560  
 ctatctttta ttggtaaaat ataaatgtat aattatgttt gtagagcttt accaaggagt 1620  
 ttccctcctt tttgtttgtg tgattagcaa atttttgatt ctccattttc caaaagtaag 1680  
 agactccagc atggccttct gtttgccccg cagtaaagta acttccatat aaaatgggat 1740  
 ttgaaagtga gagttcatga caacagaccg ttttccattt catctgtatt ttatctccgt 1800  
 gactccaact tgtgggtttg ttctgttttt ccatagagaat aaaatactgg cggttttttt 1860  
 ctcagatgtg tgttcattga gaagtaggtt actagaatta tgttactgtg tcttattggt 1920  
 tcaatgatga tttctctggc atattagact tttatttttt ccccatgga agcacttgag 1980  
 gaaataaata gtacactggc tgttttctgc cagcaactgt ggtgattttt ctccctgtcc 2040  
 tttgagaatt gctagtctgc ttctgagcca ttgtcatatc cagcaggagg cagcttggtt 2100  
 caagaaggac catagaggct gctcagcatc tcctccctcc ctcccagctt gccagggatt 2160  
 tgatgagaca ggaaactg

<210> 7707  
 <211> 791  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (107)...(547)  
 <223> similar to gi4321151 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7707  
 gcggccgctg cggccatggg tgetgtcgt gggctccatg gtgggcctca tgacctacgg 60  
 gcggcgccaa ttccagtccc tggacacgac gatgcggcgc ctgatcccgc cttccgcga 120  
 ggcttcggcc aagctaacca cgctgggtga tgccgacgcc gaggccttca ccgcctacct 180  
 ggaagcaatg aggtcccca agaacacacc tgaggaaaag gacaggcgca cggcggccct 240  
 acaggagggg ctgaggcggg cagtctctgt gccgctgacg ctggcggaga cgggtggcctc 300  
 gctgtggccg gccctgcagg aactggcccg gtgtgggaac ctggcctgcc ggtcagacct 360  
 ccagggtggc gccaaagccc tggagatggg tgtgtttggc gcataatttca acgtgctcat 420  
 caacctgagg gacatcacag acgaggcatt taaggaccag atccaccatc gtgtttccag 480  
 cctcctgcag gaagccaaga cccaggctgc actggtgctg gactgcttgg agaccggca 540  
 ggagtgcaga aacccaggg acagcaggac cttcgacgct ggaaggatag cctcgcttcc 600  
 caggtgcagc tcccggcagg tctggacagt tccacagagc acggtactgg ccctgtcctc 660  
 agttcccgtc cacccttcaa ccagtggctc ctgggagact tttcctccct gcctcagctc 720  
 cctgcccgag cagcctcctg tctccagaga agttctccat taaaaataa tttagcaaat 780  
 caaaaaaaaa a 791

<210> 7708  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (86)...(544)  
 <223> similar to gi4929739 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7708  
 gcgcccacgc gtgcggcccc tgccactggg ccatggagac tgtggcacag tagactgtag 60  
 tgtgaggctc gcgggggcag tggccatgga ggccgtgctg aacgagctgg tgtctgtgga 120  
 ggacctgctg aagtttgaag agaaatttca gtctgagaag gcagcaggct cgggtgtccaa 180  
 gagcacgcag tttgagtacg cctgggtgcct ggtgcggagc aagtacaatg atgacatccg 240  
 taaaggcatc gtgctgctcg aggagctgct gcccaaaggg agcaaggagg aacagcggga 300  
 ttacgtcttc tacctggccg tggggaacta ccggtcgaag gaatacgaga aggccttaaa 360  
 gtacgtccgc gggttgctgc agacagagcc ccagaacaac caggccaagg aactggagcg 420  
 gctcattgac aaggccatga agaaagatgg actcgtgggc atggccatcg tgggaggcat 480  
 ggccctgggt gtggcgggac tggccggact catcggaact gctgtgtcca agtccaaatc 540  
 ctgaaggaga cgcgggagcc cacggagaac gctccaggag ggccgtgtcca tcctcgctgt 600  
 cctttccctg ttctcccctt gcccccgtc tctatcctct gtggccttca gctaatttct 660  
 gctcccctga gattcgtcct tcagcccat catgtgcttt gggatgagtg taaataaaac 720

ggggctgtgg cttgggaaaa aaaaaa

746

<210> 7709  
<211> 1304  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (131)...(1090)  
<223> similar to gi57225 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

0040325-013100

<400> 7709  
cgagtgtggc ggaattcgcct ggttccctgg caggctggag ggcaggagct ggggccacgc 60  
tggctctggga tagttgggca gggaggctgt ctacctggtc tccagaatgg acggccctgt 120  
ggcagagcat gccaaagcagg agccctttca cgtgggcaca cctctgttgg agagctgggc 180  
gctgtcccag gtggcgggca tgcctgtctt cctcaagtgt gagaatgtgc agcccagcgg 240  
ctccttcaag attcggggca ttgggcattt ctgccaggag atggccaaga agggatgcag 300  
acacctggtg tgctcctcag ggggtaatgc gggcatcgct gctgcctatg ctgctaggaa 360  
gctggggcatt cctgccacca tcgtgctccc cgagagcacc tccctgcagg tggatgcagag 420  
gctgcagggg gagggggccg aggttcagct gactggaaag gtctgggacg aggccaatct 480  
gagggcgcaa gagttggcca agagggacgg ctgggagaat gtccccccgt ttgaccaccc 540  
cctaatatgg aaaggccacg ccagcctggt gcaggagctg aaagcagtgc tgaggacccc 600  
accagggtgcc ctggtgctgg cagttggggg tgggggtctc ctggccgggg tggatggctgg 660  
cctgctggag gtgggctggc agcatgtacc catcattgcc atggagaccc atggggcaca 720  
ctgcttcaat gcggccatca cagccggcaa gctgggcaca cttccagaca tcaccagtgt 780  
ggccaagagc ctgggtgcca agacggtggc cgctcgggcc ctggagtgc tgcaggtgtg 840  
caagattcac tctgaagtgg tggaggacac cgaggctgtg agcgctgtgc agcagctcct 900  
ggatgatgag cgtatgctgg tggagcctgc ctgtggggca gccttagcag ccattctactc 960  
aggcctcctg cggaggctcc aggccgaggg ctgcctgccc ccttccctga cttcagttgt 1020  
ggtaatcgtg tgtggaggca acaacatcaa cagccgagag ctgcaggctt tgaaaaccca 1080  
cctgggccag gtctgagggg tcccatcctg gcccacaaaga cccctgagag gcccatggac 1140  
agtccctgtg ctggtatgag aggaactcagt gctggcagat ggcagtggaa gctgccctgt 1200  
gcaactgtgc tggctgcctc ctgaagggaag cctcctgga ctgcttcttt tggctctccg 1260  
acaactccgg ccaataaaca ctttctgaat tgagaaaaaa aaaa 1304

<210> 7710  
<211> 1640  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1641)  
<223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1409)...(690)  
 <223> similar to gi5353746 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7710  
 tttttttttt ttgccagtgc agaaacgttt aatagaaata aaaaggtctg catagagccg 60  
 aggctcggag ccacccctct gccgcacatc cagtacagag aggattctat aaagttcaca 120  
 ctttttcatt aagtagtagt agaaatacgg tgaggccctg agactggcct ggtgagcgag 180  
 gaaaggccgc tgggcgcttc cactctgcag gccggggctg aaataacccg agttccgttc 240  
 tcacagaaag gtgcggctgc cacctcttga cacagaggcc ggatgggcag gtgtcctcga 300  
 tggccaggcc gtatcagggt acaaccgcag cagtgcagg ggcttcctca aggacaaatg 360  
 gctaaaaatg tcacggtgaa aatgtcatcc ccaaagagtt cgttctccct agaccctgtg 420  
 gggcaacca gccttcaccg tgacactggc catctgcaa gtgccaaactg ttcttcacg 480  
 agcacgtgat tacgtcactt tcttctttt tgtgcgtttt gtgcagcccc tgccaaacca 540  
 gccccctagg atggggggcg agctaagcgg tgaccccccg tccccaggcg gggcctcctc 600  
 tctgcttctg cacagcgact tccgactgtg gctgccttct tcaccagcac gcaggggagt 660  
 cgccagtgcg aaaatgggat cctgccacct gctataggcg gggatctcca agcccagctc 720  
 ggccatgagg agccgcatga cgtcatcaca cttcccatgt agcttcaggg cagcccagtc 780  
 atccttcggg gtccactgca ggttcacgat gtaaagcttc ggccgcccgc tagggggctt 840  
 ggtcatgcac cagaggcggt ggtacttctt tagaaccttc aggtctggac ctagacacag 900  
 gatggtgtct gctctgctgg cagcctcggt cgccgcttcc cagttcagag gctgccccaa 960  
 cgtccccctc tccccaaagt gcacaatggt gtcccgagc tgggtccac acttggtgca 1020  
 ggtccggcct gtctggtgtc tgtggagggc agtgcgctcc gtcacatcga acaccgcac 1080  
 gtactccctg ttgggaacgc aggaggtaca gacttcaatg tacatgttcc cgtggagctc 1140  
 ggagatggcc gtgcgcggca gccactcct caggtggagc ccgtcacagt tctgagacac 1200  
 cacatgctgc accagcttct gctcatgcag acgggtgatg ctcatgtggg tgaggggttg 1260  
 ctcggcctcg ctcaggctcg cagcactaac gcttctccct ttctgaagca gtgtccacac 1320  
 tccattaggc ccccggtagt ctgggataga cgctgcttgg agcgcagcgc gtcgagctcc 1380  
 agcttcacgc tggcgcttct tgaggccagc ttctccacct cctgctgcag ctccgccttc 1440  
 tgcttctcca gctcctcctt ctgcgtcacc cgcttcacgc ggcagctggc agcgtacccg 1500  
 cggttcttga gcgtgcgccc gcgctgcttc agctgaacga actcctcctt gaacaggccc 1560  
 cgcagggtgt ggttcagctc ccgcaccgac atggtcagaa ttcnccgcn ctgtcctagt 1620  
 gtcgtcgata ggaccaccct 1640

<210> 7711  
 <211> 1840  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (12)...(1201)  
 <223> similar to gi555594 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	7711						
tttcgtggag	catggcgtgg	agacacctga	aaaagcgggc	ccaggatgct	gtgatcatcc		60
tggggggagg	aggacttctc	ttcgctcct	acctgatggc	cacgggagat	gagcgtttct		120
atgtcgaaca	cctgatgcg	actctgcagg	ggctgctgga	cccggagtca	gcccacagac		180
tggctgttcg	cttcacctcc	ctggggctcc	ttccacgggc	cagatttcaa	gactctgaca		240
tgctggaagt	gagagttctg	ggccataaat	tccgaaatcc	agtaggaatt	gctgcaggat		300
ttgacaagca	tggggaagcc	gtggacggac	tttataagat	gggctttggg	tttgttgaga		360
taggaagtgt	gactccaaaa	cctcaggaag	gaaaccctag	accagagtc	ttccgcctcc		420
ctgaggacca	agctgtcatt	aacaggatg	gatttaacag	tcacgggctt	tcagtgggtg		480
aacacaggtt	acggggccaga	cagcagaagc	aggccaagct	cacagaagat	ggactgcctc		540
tgggggtcaa	cttggggaag	aacaagacct	cagtggacgc	cgcggaggac	tacgcagaag		600
gggtgcgcgt	actgggcccc	ctggccgact	acctggtggt	gaatgtgtcc	agccccaaca		660
ctgccgggct	gcggagcctt	cagggaaagg	ccagctgcg	ccgcctgctg	accaaggtgc		720
tgcaggagag	ggatggcttg	cggagagtgc	acaggccggc	agtctgtgtg	aagatcgctc		780
ctgacctcac	cagccaggat	aaggaggaca	ttgccagtgt	ggtcaaagag	ttgggcatcg		840
atgggctgat	tgttacgaac	accaccgtga	gtgcgcctgc	gggcctccag	ggtgccctgc		900
gctctgaaac	aggagggctg	agtgggaagc	ccctccggga	tttatcaact	caaaccattc		960
gggagatgta	tgcactcacc	caaggccgag	ttcccataat	tgggggttgg	ggtgtgagca		1020
gcgggagga	cgcgctggag	aagatccggg	caggggcctc	cctggtgcag	ctgtacacgg		1080
ccctcacctt	ctgggggcca	cccgttgtgg	gcaaagtcaa	gcgggaactg	gaggcccttc		1140
tgaaagagca	gggctttggc	ggagtcacag	atgccatttg	agcagatcat	cggaggtgag		1200
gacagcgtct	gacgggaagc	ctgatctgga	accttcccaa	ggactcaggc	aagcctttgt		1260
ggctggatca	tgagaggagg	gactccatct	tgagccatgt	ccccagcca	tggcatggct		1320
gcactgtaaa	cgccaatcgg	ggggtcacca	ggatcaaccg	caggctttct	tcagtcctct		1380
ggtcagacca	taaactgcat	ttttgattct	ttgtggattc	aaaccttagg	atccatcagt		1440
cttgcaagga	cattgaatat	taggaggaaa	aagtcatgga	aaaaataaag	ccatttagaa		1500
cctgggtttc	aacgctagcc	ctttctgtgt	tgccaatagg	cctgccaaaga	tactgcaggt		1560
ccatccaggc	ctctgtctatc	tgcattctgca	gtggccttcc	caggaaacttg	actgtctttc		1620
atttgatctt	tatttttttt	tatttaatat	tttaaacttt	attttaaaaa	tatttcaaac		1680
ataaaggcgg	gattgtgggtg	ctcatgcctg	taatcccagc	actttggggg	gccgaggcgg		1740
gcggatcacc	tgaggccagg	agttggagac	catccaggcc	accatggtga	ggccctgtct		1800
ctaccaaaaa	tacaaaaaat	tagccagata	ttgtggcagg				1840

```
<210> 7712
<211> 2320
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (62)...(1539)
<223> similar to gi3319953 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7712					
ggtggcgctg	gcggttgctg	tcagctgatt	cccgggggtg	gtggcagcgg	cggtagcagc	60
aatggacttt	ctcctgggga	accggttcag	ctctccagtg	ggacagcgca	tcgagaaagc	120
cacagatgac	tccttcgaga	gcgaggactg	ggccctcaac	atggagatct	gcgacatcat	180
caacgaagac	gaggaaggtc	ccaaagatgc	cctccgagca	gtaaagaaga	gaatcgtggg	240



```

gaataagaac ttccacgagg tgatgctggc tctcacagtc ttagaaacct gtgtcaagaa 300
ctgcggggcac cgcttccacg tgctgggtggc cagccaggac ttcgtggaga gtgtgctggt 360
gaggaccatc ctgccccaga acaaccacc caccatcgtg catgacaaag tgctcaacct 420
catccagtcg tgggctgacg cgttccgcag ctgcgccgat ctgacagggtg tggtcaccat 480
ctatgaggac ctgcggagga aaggcctgga gttccccatg actgacctgg acatgctgtc 540
acccatccac acaccccaga ggaccgtgtt caactcagag acacaatcag gacaggattc 600
tgtggggcact gactccagcc agcaagagga ctctggccag catgctgccc ctctgcccgc 660
cccgcccata ctctccggtg acacgcccac agcaccaacc ccggaacaga ttgggaagct 720
gcgagtgag ctggagatgg tgagtgggaa cgtgaggggtg atgtcggaga tgctgacgga 780
gctggtgccc acccaggccg agcccgcaga cctggagctg ctgcaggagc tcaaccgcac 840
gtgccgagcc atgcagcagc gggctcctgga gctcatccct cagatcgcca atgagcagct 900
gacagaggag ctgctcatcg tcaatgacaa tctcaacaat gtgttcctgc gccatgaacg 960
gtttgaacgg ttccgaacag gccagaccac caaggcccca agccaccggc agccggcagc 1020
tgacctgac gacatgggccc ctgaccagc agccaccggc aacctctcat cccagctggc 1080
aggaatgaac ctgggctcca gcagtgtgag agctggcctg cagtctcttg aggcctctgg 1140
tcgactggaa gatgatttg acatgtttgc gctgacacgg ggcagctcac tggctgacca 1200
acgaaaagag gtaaaatacg aagcccccca agcaacagac ggcttggtg gagccctgga 1260
cgcccggcag cagagcactg gcgcgatccc agtcaaccag gcctgcctca tggaggacat 1320
cgagcagtg ctgtccactg acgtgggtaa tgatgcggaa gagcctaagg gggtcaccag 1380
cgaagaattt gacaaattcc tggagaacg ggccaaagcc gcggaccgat tgcccaacct 1440
ctccagcccc tcagctgagg gccccccggg tcccccatct ggcccagcgc cccggaagaa 1500
gaccagagg aaagatgatg acatgctgtt tgccttatga gtgtgggggtc tggcaccctg 1560
cagcccaggt cccactgct ctcacacct taggctggga cctccctccc tctctggtg 1620
ttaaggctgc tttgggggtg gcttgttacc cctttttcct cctctttgaa gacggagctg 1680
ccccagctgt ggctgggggt gtggaggcag tgggatgaac tgggggacag gtctgcgctg 1740
cagtgggatc tggctgctct gcctcctttc ccacccagc tgacctgag actttgctga 1800
gaagtggagg ccccaggaca ggctggctgg ctggctggct gcttgacca gtgtgactct 1860
ccttactga gtgataccct gctccgggcc catgccccaa ggagcccttc agagcccaca 1920
ctgccagtc aggccctggc ggaggtggc cacagtggaa attctgccga gcctcttgtc 1980
ccttccctgc tctgctgcac ggggccccat ggctttggct ggccactgag ggtaggggtg 2040
ggaggtgtg agggccccct aggagctgc gcggcccagg tacgaagctg caactctgcg 2100
cgcagtgggc gagatctcat cagccccagg ctgcaggtga ggcttcaggg gatgctgggg 2160
ccccactgcc cctccgctgc cttgccctcc atccttcctc tgttccttct ggccgggcac 2220
cacagcactg gggctcacct cttggttgat cctcttgtac tgggagaggt gccttttgta 2280
tccccgaatt aaaggtagaa aaccaaacac aaaaaaaaaa 2320

```

<210> 7713

<211> 1589

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1526)...(231)

<223> similar to gi3025445 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7713

```

tttttttttt ttggcttttc atcctctttt gttaaaaaaca gactagcacc actgtgacgc 60
gtgccacgag acaccaagac ggcccagtca cagaggaaaa acccgaacac gacacagaac 120

```

```

tgaggagagt ccaggcctgg gctggtgggg gccacacccg cgggccctgg ttgctgggag 180
gcatggggct caggcctggg cgcctcgggc cggggtctcc gggcctcact tggccggccg 240
cgtgatgaag cgcgtggaga agtcgaacag gtcccgattg atcttgcgca ggttgcgac 300
ctcgtcctcc agctccgtca cacggacgag cagctgggtc tggccgccga gcacgctctt 360
ctccatggtg ctgcacagga cggcctgcag ctgctccgtg cgggtccagg agctgggctc 420
cgagccctgc tgggtggaggc ccaggcgag agtgaggccc ccgtggcgcg gctcgtcccc 480
gtgctcggcg cccagcagggt gcttggtgaa gtggggcagc ggcaggctgg gcctgaagtc 540
tgagctcagc atgctgacgg gcgccagcag gatggcgga ttggtgactg ggcctttgag 600
ggccaccgtc cggatgcact gcttgctctg cacgtcccag aggcgcacgg tctcgtcgtg 660
ggagcctgag agcagcacgc tgccgtcagt ggacactgac aggcaagtca cctggttcct 720
gtgccctttg aagaccttcc cggcgtcctg ctctgggtgg aagtcctct ccctctgtcc 780
gggccagggt aagaggtcga cctggaagat ggagccctca ctgccccgc agaacatatg 840
gtgctcagcc aggtccatgg tccatgacct caccgtctgg tccagtgagg aggtggccac 960
cagctcccc gaggagacct cccatgacct caccgtctgg tccagtgagg aggtggccac 960
ccgggccagg gggcccccaa agccgcagt gagggtccgt atggggagcg cgtggtgaga 1020
ccagacgtgc ctgggcccga gaatcctgga ggggtcggcc tgcagcacgc tgcagaggct 1080
ccaaaccagc accaggcagt ccttgcccc tgagatgaag tggctgctgt cccctgtgaa 1140
ctgaaggcag gagacgtcct ggtagtgctg actcaggatg accagaaggt tcccggtgga 1200
gacctccac aggtggatgc tttctgcaac tcctgccagg acgtagagac cattgggtga 1260
tgcagtcaga caggtgacag gcccggggca catgatcttc tgctggagct ggtccttccg 1320
ctggagctcc caggcgctga tgtaattctt gccagctgc gccgccagca gatactcgcc 1380
attgagcagc gccaggccgc ggggtcccgc ctggccgccg cggtaggtga gcaggttggc 1440
gcccagtgta agttcccaca cgatgcagct ccacatcggg gccgccgagt ccgtacacac 1500
ggccacatac atgggcgccg ccccgccgcg tccgcggacg cgtgggcgga cgggtgggtc 1560
gaccgcgaaa tgccgtggcg caatgtcag 1589

```

```

<210> 7714
<211> 8029
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5186)...(7695)
<223> similar to gi388765 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7714
tttttttttt ttacagggag aggaaattct gttaattcca cgtttattaa tcacacagct 60
ctctgcagac tagacactaa aacacacaat tgtcaaaaac tagaaaaatg agttatgtcc 120
acgtttttaa agcaaaactt tataaatttc ttaccacact cattcccaag ttttatccca 180
caaagtatag catgaaacaa tgacaacata catattattc aagtaaaatg ctatttataa 240
tagctgcaca caggtaatta aaacactagg atccagtttt tagaggaaaa agtcatgtgg 300
cacaatttca agttcataat tgaagttaac agtaaaacag atttgctcac atttgcttct 360
gatctttatt tctgctgtct ctcttttagta gaataaagaa atggcacttc acataaaatc 420
atatttataa gctactaaaa tggataaaca gatgcagatc agctctttaa tgagaatccc 480
tgcatagctg gaggaagttc aaggataatt gttttttcaa ggcaaataga ctcttggtac 540
gtggctaatt tcatgtacat tatcatcgct ggggaagttc tgctgagaac tcacggtagc 600
tatgccagaa aagtactttc ttcacaggag gtgttgaaat aatgccgat aaatgcaagt 660
aaggtcaata tctccctctt ggtctagatc aggagctggc aaactttttc ttttaaggaga 720

```

caagtagtaa	atcttttagg	ctttgcaggc	tatactgtcc	ctgtcccaac	tattcaactc	780
tgccaagaaa	gcagtgcccag	acaataccat	aaatgaatgg	gtgtggctat	gctctaataa	840
cattttgttt	atggacactg	aaatctgaat	ttcatagaat	tttcagggtg	catgaaatat	900
tgttcttctt	ttgattttct	gcccaatcat	ttgaaaacat	ataaaccatt	cttagctcac	960
aggttggtata	aaaacagggtg	gcaggccagg	tttgattcgt	gggccatagt	ttgccaaccc	1020
ctgatctaata	ggtccttttc	tagtccatgt	tgtaaaatgt	atataattttt	aaaatcccgt	1080
tacatatggc	tactttattt	aaaaaacaac	aaaaacgttc	agttaaaaaat	aattctcttt	1140
cttcccacaa	ccaagggccca	ttttactaaa	caataagcta	tttccttttaa	ttagaaaatt	1200
gatcaaggat	atacaatgag	tctctggcct	caatttatga	acccatgagc	caaatatgca	1260
agaagactca	aaatttgcca	cccagccaaa	gaatctactg	gcttacaatg	ttaaaaattt	1320
atttggaagt	attcctgcac	acatctcagc	atcggtaatc	cagagttata	aaaaataatg	1380
ttggagcatt	tgtattcttt	ttttgaggcg	gagtcctcgt	ctgtcatcca	ggctggagtg	1440
cagtggcgtg	atctctgctc	actgcaagct	ccgcctcctg	ggttcacgcc	attctcctgc	1500
ctcagcctcc	agagtagctg	ggactacagg	cacctgccac	cacatccgac	taattttttt	1560
tgtattttta	gtagagacgg	ggtttcaccg	gtttagccag	gatggctctg	atctcctgat	1620
gtcgtgatct	gcctgccttg	gcctcccaag	gtgttgggat	tacaggcgtg	agccactgtg	1680
cccagcccag	catttgattt	cttaatagaa	aaaggatgga	tacatctaaa	tcacaagtaa	1740
ttaaaatggt	atataaaaacc	acctaataaac	tacacaaata	aagagaagac	attaactgtc	1800
aaaatgctga	gtatgtgatt	cttgacaggg	ccggggcact	gtcactagga	gatgaatttc	1860
agctcttcct	tctccttggtg	accttgggaa	tgtggctagt	acactccagg	ccagatgcta	1920
ggcagctccc	tgtgtgcccc	gggtccttgc	agacctttag	ttactcaacc	atagcttccc	1980
agtggctcaa	tgagggatgt	taaatcctag	gtgggggttca	ggagtaattg	catccagcac	2040
tactttcatt	cacattttcc	ttccacaacc	cagaataaacc	acaagatgta	agtggagtct	2100
acacagacag	agatggggaa	aggaagggtc	ttcgtctcca	cctacttggc	cgccctaattg	2160
gatttgcatc	tgtttaagat	tacggagtct	ttctttcaaa	gtgagaggca	acgccggtca	2220
tagcggcttt	tgttttttgt	gcgttatttg	aatgatgagc	tgtaaaaaact	ctcattagat	2280
aaaagggtgcc	tgaaattcaa	gggctcatgc	ctcttctaca	aagtgggttg	gcaattacag	2340
aaattctttc	ccttttggtg	tgactgtggt	gaaagtactt	ttgctctttt	ggaggtgagg	2400
gagcagcacc	acaccaggac	agaaagaaca	ggctcagggtg	acagccactt	actcaggctc	2460
aggtcgggtg	gcaagtgggc	actggcctcc	tcccatcttg	gcaaagccac	tgacagtagg	2520
caaggaaggg	ctgggcgggtg	ctgctcgtaa	caatggctct	tgtatgtcct	tagaattttc	2580
atttttttgt	gaagtgcctt	tactttctct	ctggctcaca	gtatcgcaag	gagctaagta	2640
aggcctgtat	ggaatctcca	ctgtatccat	gggatgggag	gtgctgaaca	cacgcccag	2700
gcaacaaggc	cactcaggga	aggagccagg	ccatgccact	gcgtgccttc	catcctacca	2760
agctgcttct	gctattcttt	gctttacact	tcagctcatt	tactcaagga	aatgaaatga	2820
agtggcaaac	aggacagaaa	tgaaaataga	attcttttaag	tggtaaaatt	gggacaataa	2880
aggcatcaat	taaaatatgg	ttcaggaata	gggagagggtg	ctccttcgtg	cctcacagaa	2940
gcacggacaa	ttctgtgcta	tttattgtct	ttgaaagagg	gttcaactcaa	acctctgccg	3000
caacacctcc	agatgcacat	tccgtgtctt	ctgtgcctga	gctggcagat	gcccggggag	3060
gggtgctgtg	ccctcacct	gccctgccag	tcacagtcaa	gggtctcctt	caagggtgctc	3120
tgggcccatg	ttctgtagcg	acatggggga	tggttgtgct	actgcccagg	cagtgatcaa	3180
gcctttgtga	cggcccatgg	ggctgggcct	gccttgctgt	gtgcctgctc	tgaggcagct	3240
ggggctgtgg	tggggatcca	gggcctcatt	ctgtaaaccc	agtgtgtggt	ctctgggagt	3300
ctgcagccac	aggcacgtgg	cacatattgg	tccctagtta	cattaagggc	aggggtagga	3360
tttgcatctg	tttaagatta	caaggactgg	atgagttctg	aaaaattcat	aattctgaaa	3420
acctattagt	ttattttaaaa	taatggatgg	catgtacctt	tatatgtaga	taagtctcct	3480
tttaaatatt	tttaagaac	caaagaatcc	tacaagcccc	cgtaacacac	atacttgagt	3540
tccagatact	catcaatgcc	atacttgagc	cctctcgcc	caaggccgga	ctgcttcaact	3600
ccacccaaaag	ggcactccac	agaggaaatt	aatccttcgt	tgacgccaac	catgcccaact	3660
tccagctgct	ctgccactct	ccagatctgg	gctgggtctt	gagagtaaaa	ataacctgct	3720
aacccaacat	cagctgcgtt	agcgattgct	atagcctcct	cctctgtatc	gaacttgata	3780
actggtgcc	gaggcccgaa	agtctcttca	tgagtgcaca	gcagtgcctg	ggtgacattg	3840
cacagcaggg	taggctcaaa	gaaatttttt	ccaagtgggt	gtcgttttcc	acctgtcaca	3900
acggtggcac	ctttagaaac	ggcatcattc	acctgtttct	ccaccttttc	taccgctttt	3960
tcattaatta	atgggccttg	agtagttcct	tccctaaaatc	cattacctac	gcgcaggttc	4020
ttcttcatgg	cctcggcgaa	tgcttttaca	aaggcatcat	ggatgccctt	ttgcaccaag	4080
aattgggttg	agcaaacaca	agtctgtcca	gtgttcctaa	atttagatgc	catggcccct	4140

gctacagcct	ggtccacggt	ggcactgtca	aatactataa	atggagcaag	gccgccccagc	4200
tccatagaga	cccttttcac	agagtttgct	gcgtgggtgca	acaggatctt	tcctgtagtt	4260
gttgaaccag	taaaggaaat	tttggacacc	agaggatcag	tacaaattgc	ctccccact	4320
tccttgcat	tctttcgaga	acagggaata	acattgtata	cacctgaag	aatcccagcc	4380
tggcttgcaa	gcaacaatgg	atccaaatca	agaagaaatc	cctgatttac	ctcagccagg	4440
gccagggcgg	agaaggcggt	gtcttcggca	ggcttcacca	cgacagtaca	gccggctgcc	4500
agggcgcccc	ccaccttcgg	ggtgatcatg	gcactgggga	aattccacgg	ggtgatgact	4560
gcagccacgc	ctatgggctg	cttgaggacc	agggcccggc	tgctctttgc	cggggtgtag	4620
ataatgtctc	cgtaaacacg	gcgggcttcc	tcagagaacc	actctaggaa	aaaggcgga	4680
tagagaat	ctccatgtgc	ctccttcagt	ggctttccac	tttcagctgt	gattattctg	4740
gcaaggtcat	ccttattttg	tatcattaaa	ttgtaccact	tccgaagtaa	tgaactcctc	4800
tccttgccgg	agacctccct	ccagcggcag	aaagcctcgt	aggcagcgcg	cacggcgcg	4860
cgggcctctc	gcaccccgca	gtcggctacc	atgccagag	cggcgccgct	ggcaggagtc	4920
ttgcacgggg	aagtgggcgg	cggccgggag	ccagcggcgg	cccacgaagc	tgctcggctg	4980
cagcagcgcc	gcagagaggc	ccgccaggcg	ccagcgtag	cagcggagct	gggcccggcc	5040
gggcgcaggc	ccggaggcag	ggaccaggcc	gccggcgcg	gggcggaggc	ggcagcctgg	5100
aaacgtcgac	ccgagggcgc	gggcccaca	gctccgcagc	caaatgcagg	tcgccatggc	5160
ccgggcaacg	acggcgacag	gaaacagggt	gtggcctggc	ctgctgatca	tggtgggttc	5220
tctctgccat	agaggttcac	cgtgtggcct	ttcaacacac	atagaaatag	gacacagagc	5280
tctggagttt	cttcagcttc	acaatgggcg	tgtaactac	agagagctgt	tactagaaca	5340
ccaggatgcg	tatcaggctg	gaatcgtgtt	tcctgattgt	ttttacccta	gcattctgca	5400
aggaggaaaa	ttccatgatg	tgtctgagag	cactcactgg	actccgtttc	ttaatgcaag	5460
cgttcattat	atccgagaga	actatcccct	tccttgggag	aaggacacag	agaaactggt	5520
agctttcttg	tttggaatta	cttctcacat	ggcggcagat	gtcagctggc	atagtctggg	5580
ccttgaacaa	ggattcctta	ggaccatggg	agctattgat	tttcacggct	cctattcaga	5640
ggctcattcg	gctggtgatt	ttggaggaga	tggtttgagc	cagtttgaat	ttaattttaa	5700
ttaccttgca	cgacgctggt	atgtgccagt	caaagatcta	ctgggaattt	atgagaaact	5760
gtatggtcga	aaagtcacat	ccgaaaatgt	aatcgttgat	tgttcacata	tcagttctt	5820
agaaatgtat	ggtgagatgc	tagctgtttc	caagttatat	cccacttact	ctacaaagtc	5880
cccgtttttg	gtggaacaat	ttcaagagta	ttttcttggg	ggactggatg	atatggcatt	5940
ttggtccact	aatattttacc	atctaacaat	cttcatgttg	gagaatggga	ccagtgactg	6000
caacctgcct	gagaaccctc	tgttcattgc	atgtggcggc	cagcaaaacc	acacccaggg	6060
ctcaaaaatg	cagaaaaatg	attttcacag	aaatttgact	acatccctaa	ctgaaagtgt	6120
tgacaggaat	ataaactata	ctgaaagagg	agtgttcttt	agtgtaaatt	cctggacccc	6180
ggattccatg	tccttttatct	acaaggcttt	ggaaaggaa	ataaggacaa	tgttcatagg	6240
tggctctcag	ttgtcacaaa	agcagctctc	cagcccctta	gcattcttact	tcttgtcatt	6300
tccttatgcg	aggcttggt	gggcaatgac	ctcagctgac	ctcaaccagg	atgggcacgg	6360
tgacctcgtg	gtgggcgcac	caggctacag	ccgccccggc	cacatccaca	tcgggcgcgt	6420
gtacctatc	tacggcaatg	acctgggcct	gccacctggt	gacctggacc	tgacaagga	6480
ggcccacagg	atccttgaag	gcttccagcc	ctcaggtcgg	tttggtcgg	ccttggctgt	6540
gttggaactt	aacgtggacg	gcgtgcctga	cctggccgtg	ggagctccct	cgggtgggctc	6600
cgagcagctc	acctacaaag	gtgcctgtga	tgtctacttt	ggttccaaac	aaggagggaat	6660
gtcttcttcc	cctaacaatc	ccatttcttg	ccaggacatc	tactgtaact	tggtggtggac	6720
tctcttggct	gcagatgtga	atggagacag	tgaaccgat	ctggtcatcg	gtcccccttt	6780
tgaccagggt	ggagggaagc	agaagggaat	tggtggtcgg	ttttattctg	gccccagcct	6840
gagcgacaaa	gaaaaactga	acgtggaggc	agccaactgg	acggtgagag	gcgaggaaga	6900
cttctcctgg	tttgatatt	cccttcacgg	tgctactgtg	gacaacagaa	ccttgctgtt	6960
ggttggggagc	ccgacctgga	agaatgccag	caggctgggc	catttggttac	acatccgaga	7020
tgagaaaaag	agccttgagg	gggtgtatgg	ctacttccca	ccaaacggcc	aaagctggtt	7080
taccatttct	ggagacaagg	caatggggaa	actgggtact	tccctttcca	gtggccacgt	7140
actgatgaat	gggactctga	aacaagtgtc	gctggttgga	gcccctacgt	acgatgacgt	7200
gtctaagggt	gcatttctga	ccgtgacctc	acaccaaggc	ggagccactc	gcatgtacgc	7260
actcacatct	gacgcacagc	ctctgctgct	cagcaccttc	agcggagacc	gccgcttctc	7320
ccgatttggg	ggcgcttctgc	acttgagtga	cctggatgat	gatggcttag	atgaaatcat	7380
catggcagcc	cccctgagga	tagcagatgt	aacctctgga	ctgattgggg	gagaagacgg	7440
ccgagtatat	gtatataatg	gcaaagagac	cacccttggt	gacatgactg	gcaaagtcaa	7500
atcatggata	actccatgtc	cagaagaaaa	ggcccaatat	gtattgattt	ctcctgaagc	7560

```

cagctcaagg tttgggagct ccctcatcac cgtgaggtcc aaggcaaaga accaagtcgt 7620
cattgctgct ggaaggagtt ctttgggagc ccgactctcc ggggcacttc acgtctatag 7680
ccttggctca gattgaagat ttactgcat ttccccactc tgcccacctc tctcatgctg 7740
aatcacatcc atggtgagca ttttgatgga caaagtggca catccagtgg agcgggtggta 7800
gatcctgata gacatggggc tcttgggagt agagagacac actaacagcc acaccctctg 7860
gaaatctgat acagtaaata tatgactgca ccagaaatat gtgaaatagc agacattctg 7920
cttactcatg tctccttcca cagtttattt cctcgttcc tttgcatcta aacctttctt 7980
ctttccgaac tttttgccta tagtcagacc tgctgtacca cctatttcc 8029

```

<210> 7715

<211> 2153

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2154)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1749)...(625)

<223> similar to gi4886461 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7715

```

tttttttttt ttaccaaatt gccttttatt tacatacgag aaaatctcac cgtgtgtcca 60
gctggccccc tcacggccgc tgaaggcagc actgctgggc aaggagaaac aaggccacac 120
ctgcaacctg ggctgcaggg tgaggtggct ccctccgcac agggcccagg acacccacca 180
tggcacaggc caggtgctg cccccacacg gcctccacga ggtcacgggt ccattctccac 240
aaccccaagg cagtaagcag tgtgcctcgc tttcgccaag ctgggccaat gaagaggccc 300
cgccccacc ctcaggcccc gccctctccc cttggaaaac aggtggtttt ttcctaacac 360
aggaaaacag aaaatgagca cgttttctat ggctgccaaa gtacaaggag aggctctgcc 420
ctgggagcca ctgcatggat ggtgggcaag gtccgggagc cagctccaag gagcaggaag 480
cagggggcca tgacggcagg acaggcccag ccatagcccc gggaagagag actgccctgt 540
acatccaggt ccgggagcct ctccggctg agcagggccg cgactcggca tggccccagc 600
acccgagcag gtctggaggg ccctcagagc ggggcagggg cgggcacgct ggggaggggc 660
agctccaggg ccggcgtctc cgcagcctgt gccgggctgg gcttccggtg atccagctgt 720
tccagcttct cgccgagctg ggagtaaagc tcttctactg cctctccgct ctggcctgta 780
ggctccaggg cettctgcaa cgctccagc ttagacgggg ccaccctggg gtgcaggatga 840
atgaggagcc gcagcgcgtg ccggtgcacg ttctccttcc ttggagaggc ggtgaggaaag 900
aagccatcga agaggctgct gcagaagtcc tcaagggcaa attcgtcggc cagcagcgca 960
aggttgcccc tgagcaggtg gaggaagatg tcgcaaaagg ccaagtcgcc aaaggtctcc 1020
accagcccgg gcagcaggcg gaggagcgcg ttcttggttc tctgcttggt gatgtgcagg 1080
acgtagtaca gccccacctc gcaggccatg cgctgtcctt gcagaaactt agtgaagctt 1140
tcgggaagtg tgtttgata tgagactggg gctttctcct cagccggaag tttctgatcc 1200
acattgaaag tgtagtcatc caccaggaag gacatgagca tcgggaggaa cctggtgatg 1260
agctctacct ccattctggg ctcttgaaag acctggctgt cgatcatgtc ccaggctccc 1320
tggcccagcg ccagcagccg gagcagcagc aggaggtcgg ggctgtccct gggcagtgctc 1380
tcttggccga ccagctcctg cagggtgcctg actgtgtcca gtgccagcgt gttgatggcg 1440

```



<220>  
 <221> misc\_feature  
 <222> (183)...(904)  
 <223> similar to gi2649734 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7717

tggaggtgga	gctggcagat	ccggcgggca	gcgatggcgg	cttggccccc	ggcagcgc	60
gcagcggcag	cggcagtgcc	agtgggtggc	ggcggcgccg	agccaggcgc	cccaagagga	120
ccatccatat	tgactgtgag	aagcgcatca	ctagctgcaa	aggcgcccag	gccgacgtgg	180
tgctcttttt	catccatggt	gtcggcggtt	ccctggccat	ctggaaggag	cagctggact	240
tctttgtgcg	cctaggctat	gaggtggtgg	ctcctgacct	ggcgggccac	ggggccagct	300
ctgcgcccc	ggtggccgca	gcctacacct	tctatgcgct	ggctgaggac	atgcgagcaa	360
tcttcaagcg	ctatgccaa	aagcgaaatg	tgctcattgg	ccattccctac	ggtgtctctt	420
tctgcacatt	cctggcacat	gagtaccacg	acctagtgc	caaggtgatc	atgatcaatg	480
gcgggggccc	tacggcgctg	gagcccagct	tctgtcfaat	cttcaacatg	cccacctgcg	540
tcctgcactg	cttgtcgccc	tgcttgccct	ggagcttcct	caaggccggc	ttcgcccgcc	600
aaggagccaa	ggagaagcag	ctgttaaagg	agggcaacgc	tttcaacgtg	tcctccttcg	660
tactccgggc	catgatgagc	ggccagtagt	ggcccgaggg	cgacgagggtc	taccacgccg	720
agctcaccgt	gcccgctcctg	cttgtccacg	gcatgcacga	taagtttggtg	ccggtggagg	780
aagaccagcg	catggccgag	atcctgctcc	tggtattcct	gaagctcatc	gacgagggca	840
gccacatggt	gatgctgga	tgccctgaga	cgttcaacac	gctgctccac	gaattcctgc	900
tctgggagcc	cgagccctcg	cccaaggctc	taccggagcc	actgccggcg	cctccagaag	960
acaagaagta	gccgctgggc	cggcggggca	tcgcttggtg	agcacagccg	cagcaggagg	1020
aggcccagagc	ctgcgccag	tctgcagcgc	agaccacctg	ggcgggccgt	tcgctccggt	1080
gggcgggggc	aggtcaggga	gacgccccca	ggctgcctgg	gcggggcgtg	gcacccgagg	1140
gagcccagcg	gacattccgc	tctccgcttc	cgtcccgcgg	ggcccatcgg	cgttttgggg	1200
ccgcagccgg	gaccctcacg	gaagatgacc	ttgtacagaa	gctctccctc	accttcccc	1260
caacgccacc	gccaaggcag	gccccccacc	ccgctgtcct	ccgtgtcagc	cgtgcttgat	1320
cctgggaccc	acgagcccca	cagggacctt	cgaggcccca	tcccgttatc	cgagacctt	1380
cctaccccc	attcctcggc	gctgggatct	atctttgccc	aagggggggg	gatggggggg	1440
ctggcgccac	cgaacctgca	catctcaact	tgtaactcaa	taaacagaag	tgacaatcgg	1500
aaaaaaaaa						1510

<210> 7718  
 <211> 2177  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (952)...(2088)  
 <223> similar to gil301892 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7718

ccgttgctgt	cgcctcaaag	gattggctaa	aagcaagcaa	ctggattgaa	caccctaaga	60
------------	------------	------------	------------	------------	------------	----

agaaagattc	acactgcacc	aggagacatc	agaaagaatg	aaaactctgc	cgctgtttgt	120
gtgcatctgt	gcactgagtg	cttgcttctc	gttcagtgaa	ggtcgagaaa	gggatcatga	180
actacgtcac	agaaggcatc	atcaccaatc	acccaaatct	cactttgaa	taccacatta	240
tcctggactg	ctagctcacc	agaagccgtt	cattagaaag	tcctataaat	gtctgcacaa	300
acgctgtagg	cctaagcttc	caccttcacc	taataacccc	cccaaattcc	caaatcctca	360
ccagccacct	aaacatccag	ataaaaatag	cagtgtggtc	aaccctacct	tagtgggtac	420
aacccaaatt	ccatctgtga	ctttcccatc	agcttccacc	aaaattacta	cccttcctaaa	480
tgtgactttt	cttccccaga	atgccaccac	catatcttca	agagaaaatg	ttaacacaag	540
ctcttctgtg	gctaccttag	caccagtgaa	ttccccagct	ccacaagaca	ccacagctgc	600
cccaccaca	cttctgtcaa	ctacaccagc	tcaccatctt	tcctcagctc	caccagagac	660
cacagctgcc	ccaccacac	cttctgcaac	tacacaagct	ccaccatctt	cctcagctcc	720
accagagacc	acagctgccc	caccacacac	tcctgcaact	acacaagctc	caccatcttc	780
ctcagctcca	ccagagacca	cagctgcccc	accacacact	cctgcaacta	caccagctcc	840
accatcttcc	tcagctccac	cagagaccac	agctgtccca	cccacacctt	ctgcaactac	900
cctagaccca	tcatccgcct	cagctcttgc	tgtcccgcgg	agctgcagac	tgaagggagc	960
aacggcaaga	aagaagtgtc	gagcggtttc	caagtgggtc	tggaagacac	agtgtctttc	1020
cctgagggcg	ggggacagcc	tgatgaccgt	ggtacaatca	atgacatctc	tgtgtctgaga	1080
gtgactcgcc	gtggggaaca	ggctgatcat	ttcaccacaga	cacccttga	tccaggaagc	1140
caggttcttg	tccgggtaga	ttgggagcgg	aggtttgacc	acatgcagca	gcattcaggg	1200
cagcatctca	tcacggcagt	tgttgacct	ctatttaagc	tgaagacaac	atcatgggag	1260
ttagggagat	ttcggagtgc	gattgagctg	gacacccctc	ctatgactgc	agagcaagta	1320
gtgtccattg	agcagagctc	caatgaaaaa	atcagagatc	ggctgcctgt	gaatgtccga	1380
gaactgagcc	tggatgatcc	tgaggtggag	caggtgagtg	gccgggggtt	gcctgatgat	1440
catgctgggc	ccattcgggt	tgttaacatc	gagggcggtg	attccaacat	tgctgtgggg	1500
acccatgtga	gcaatctcag	tgaccttcag	gtcattaaga	ttctggggcac	tgagaagggg	1560
aaaaagaaca	gaaccaacct	gatatttctg	tctgggaacc	gggtgctgaa	gtggatggag	1620
agaagtcatg	gaactgaaaa	agcactgact	gctctgctta	agtgtggagc	agaggatcat	1680
gtggaagcag	tgaaaaagct	ccagaactcc	accaagatcc	tgcagaagaa	taacctgaat	1740
ctgctcagag	acctggctgt	gcacattgcc	catagcctca	ggaacagtcc	agactgggga	1800
ggtgtggtca	tattacacag	gaaggagggt	gattcagagt	tcatgaatat	cattgccaat	1860
gagattgggt	cagaggagac	cctcctgttc	ttaactgtgg	gcgatgagaa	aggtggtgga	1920
ctcttcttac	tggcagggcc	acctgcgtct	gtggagaccc	tggggcccag	ggtggctgag	1980
gtcctggaag	gcaaaggcgc	aggggaagaaa	ggcgttttct	agggcaaggc	caccaagatg	2040
agccggcgga	tggaggcgca	ggcgttcttc	caggactaca	tcagcacgca	gagtgtctaa	2100
gagtgagggc	ttagggcact	cacctcctgt	ttccacagga	atcttttggt	caataaaaata	2160
gattgactca	aaaaaaa					2177

```
<210> 7719
<211> 2211
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (352)...(1180)
<223> similar to gi4680679 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 7719  
at ttg agacc cc att gat ga gct ctt ttc ac tgc gcac ctg cc ctg cc agt ggc ctt ttc tg 60



gtcccagcta	ctgaaaccgg	tgagctgctc	caggggtgagg	ctgctttctg	gctcctgggtg	120
tattttggaca	cagataggcc	cttagtggtcc	agaggcgccc	catgcagccc	tcatggtcag	180
caggacacccc	aggatagacc	ccctccacgc	agcacctggg	ccctgggagc	ggctgctttt	240
aggatgccac	ctgttcctgg	gcgccttggt	tttagcttct	gacctgaaga	tgagcggggg	300
agcgcggtgg	cgagggcagc	tgggcgtggc	tcacggtctc	ctctctgtgg	caggtacatg	360
tcccagagca	agcacacgga	ggcccgggag	ctcatgtact	cgggagccct	gctcttcttc	420
agccatggcc	agcaaaacag	tgcagcagac	ttgtccatgc	tggtcctgga	gtccctggag	480
aaggcggaag	tggaggtggc	tgacgagctg	ctggaaaatc	tggctaaagt	gttcagcctg	540
atggacccca	actctcctga	gcgcgtgacc	tttgtgtcca	gagccctgaa	gtggtccagt	600
gggggctccg	ggaagctggg	ccaccccggg	ctgcaccagc	tgctggccct	caccctgtgg	660
aaagaacaaa	actattgtga	gtcgagggtat	cattttctgc	actcagcgga	cggggagggc	720
tgtgccaaaca	tgctggtgga	gtattccacg	tcccgcggct	tccgcagcga	ggtggacatg	780
ttcgtggccc	aggccgtgct	acagtttctc	tgtttaaaaa	acaaaagtag	cgcatcggtg	840
gtcttcacga	cgtacaccca	gaagcacccg	tccatcgagg	acgggcctcc	gtttgtggag	900
ccgctgctta	acttcatctg	gttcctgctg	ctggctgtgg	acgggtggga	gctgacggtg	960
ttcactgtgc	tgtgtgagca	gtaccagcca	tccctccggc	gggaccccat	gtacaacgag	1020
tacctcgacc	gcataggaca	gctgttcttc	ggcgtcccgc	ccaagcagac	gtcttctctac	1080
gggggcctgc	tgggaacct	tctgaccagc	ctcatgggct	cctcagagca	ggaggatggg	1140
gaggagagcc	ccagcgacgg	cagccccatc	gagctggact	gaactggcca	ggccacgtgg	1200
agacaccacg	gtcgcagcag	gctggaggga	cgtttcagag	gcgagtcctg	ggtggctcct	1260
cgccttgggg	gctcctggcc	ctgaggctgg	cgggtggcgc	atgccggcgc	gtgtctgttt	1320
ctgtgcggcg	gctcagggtg	gcacggctgc	tgtcactgtg	gctgctggga	cccaagagtg	1380
gggcgtcgcc	cctgctggcc	gccgcgtccc	ccgagattga	cccacaataa	agcacaggcc	1440
ttaccgcggc	gtcacccctc	cccactcctt	tgttctgggt	cctttcggga	gggctgatgg	1500
gcagcacagg	aggcccgtcc	tgggggggct	gcgcacatca	cgctccttgc	cgggcgtccg	1560
gcacagctgc	ggtcaccaaa	gcagggtgctg	gccctcggac	ctgagagccc	agccagggcc	1620
catgtggtct	gcaaattggga	gcggctggtt	ttgaacacgg	ggtcattctg	cagtcaggac	1680
gaaccgggtcc	ccgtcgcaga	cggagtgcac	gtgccctgcg	ccacatcctc	acgctcgggtg	1740
gagggacgcg	tgcggcggga	cgggtgcctac	gggtacttgc	agctgtgtcc	catgtggcat	1800
cccagagctg	cgccctgctg	gtctctgtga	gcgccacgct	gctgtgctgg	aaatgccgct	1860
ttaaaaaggg	ataccgtggg	actctgcccg	tctctttcat	aacgcaatat	ttattttgtat	1920
tgggtgacga	ttgattcttt	cgacctaaaca	ttttgggttt	taaccaaata	accggtccag	1980
gagtgagcag	ctccgttctg	tcagatgcta	ctccaaatgt	taccagaacg	atgacaaaag	2040
gggagacgct	ctattttttc	acagttaaat	gacagttgta	gattgatacg	cagttgtgca	2100
tgggaagggg	aaacgcacag	ctttattttac	tgtaaagtgg	aatttcagga	aggcttgtgt	2160
gaaccgttgc	gcataaataa	acccttttcta	cggggctgtg	caaaaaaaaaa	a	2211

<210> 7720

<211> 875

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (61)...(828)

<223> similar to gi297902 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7720

gtgggtggaat tgcagccgct gaggggtgcgg gctgaccctg taagtggctg cggcgggaag 60

atggcgaggc	tgcgcgtgct	cgtagctgtc	aagaggggtca	tcgactacgc	cgtagaagatc	120
cgagtgaagc	ctgacaggac	cggtgtggtc	acggatgggtg	tgaagcactc	catgaacccc	180
ttctgtgaga	tcgcggtgga	ggaggctgtg	cggctcaagg	agaagaagct	ggtgaaggag	240
gtcatcgccg	tcagctgtgg	gcctgcacag	tgccaggaga	cgattcgtac	cgccctggcc	300
atgggtgcag	accgaggtat	ccacgtggag	gtgccccag	cagaagcaga	acgcttgggt	360
cccctgcagg	tggctcgggt	cctggccaag	ctggcagaga	aggagaaggt	ggacctgggtg	420
ctgctgggca	aacaggccat	cgatgatgac	tgtaaccaga	cagggcagat	gacagctgga	480
tttcttgact	ggccacaggg	cacattcgcc	tcccagggtga	tgctggaggg	ggacaagtgtg	540
aaagtggagc	gggagatcga	tgggggcctg	gagaccctgc	gcctgaagct	gccagctgtg	600
gtgacagctg	acctgaggct	caacgagccc	cgctacgcca	cgctgcccga	catcatgaaa	660
gccaagaaga	agaagatcga	ggtgatcaag	cctggggacc	tgggtgtgga	cctgacctcc	720
aagctctctg	tgatcagttg	ggaggaccgc	ccccagcgca	cgcccgcgct	caaggtggag	780
accactgagg	acctggtggc	caagctgaag	gagattgggc	ggatttgagc	ccctcccaga	840
gatggcaata	aaactgactc	tcaacaaaaa	aaaaa			875

<210> 7721  
 <211> 1763  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (184)...(1365)  
 <223> similar to gi4469023 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7721						
gccatcatgg	cggcggccac	gaggcctgtc	cggctcccgc	aagcaggctg	tgagggggcgg	60
gagcgctgct	ggaacccgag	ccggagccgg	agccacagcg	gggaggggtg	cctggcggcc	120
tggagccgga	cgtgtccggg	gcgtccccgc	agaccggggc	agcaggctcg	ccggggggccc	180
accatgctgg	tgactgccta	ccttgccttt	gtaggcctcc	tgccctcctg	cctgggggctg	240
gaactgtcaa	gatgccgggc	taaacccccct	ggaagggcct	gcagcaatcc	ctccttcctt	300
cggtttcaac	tggacttcta	tcaggtctac	ttcctggccc	tgccagctga	ttggcttcag	360
gccccctacc	tctataaaact	ctaccagcat	tactacttcc	tggaaggtca	aattgccatc	420
ctctatgtct	gtggccttgc	ctctacagtc	ctctttggcc	tagtggcctc	ctcccttgtg	480
gattggctgg	gtcgcaagaa	ttcttgtgtc	ctctttctcc	tgacttactc	actatgctgc	540
ttaaccaaac	tctctcaaga	ctactttgtg	ctgctagtgg	ggcgagcact	tggtgggctg	600
tccacagccc	tgctcttctc	agccttcgag	gcctgggtata	tccatgagca	cgtggaacgg	660
catgacttcc	ctgctgagtg	gatcccagct	acctttgtct	gagctgcctt	ctggaaccat	720
gtgctggctg	tagtggcagg	tgtggcagct	gaggctgtag	ccagctggat	agggctgggg	780
cctgtagcgc	cctttgtggc	tgccatccct	ctcctggctc	tgccaggggc	cttggccctt	840
cgaaactggg	gggagaacta	tgaccggcag	cgtgccttct	caaggacctg	tgctggaggc	900
ctgcgctgcc	tcctgtcgga	ccgcccgcgtg	ctgctgttgg	gcaccataca	agctctatct	960
gagagtgtca	tcttcatctt	tgtcttcctc	tggacacctg	tgctggaccc	acacggggcc	1020
cctctgggca	ttatcttctc	cagcttcatg	gcagccagcc	tgcttggctc	ttccctgtac	1080
cgtatcgcca	cctccaagag	gtaccacctt	cagcccatgc	acctgctgtc	ccttgcctgtg	1140
ctcatcgctg	tcttctctct	cttcatgttg	actttctcta	ccagcccagg	ccaggagagt	1200
ccggtggagt	ccttcatagc	ctttctactt	attgagttgg	cttgtggatt	atactttccc	1260
agcatgagct	tcctacggag	aaaggtgatc	cctgagacag	agcaggctgg	tgtactcaac	1320
tggttccggg	tacctctgca	ctcactggct	tgcctagggc	tccttgtcct	ccatgacagt	1380



Run with FASTXY 3.3t00, default parameters

<400> 7723

aaactgattg	caggcagtat	gtaggcatct	ttcattcaga	atggacatta	atatcttgaa	60
tagagaagaa	agctttttaga	aatgtatcat	ttgtcaaaat	tgcattgcctt	ttaaaaaatg	120
ataaagagag	atgctgagtg	ttttgtatgt	tagcatcgac	tctttctttt	tatttctggt	180
cagactcaag	tttttagaag	ctagaatata	gatcccttta	agaaaaaaaa	aggaagaaag	240
aagaatttgc	tgggttagtgc	acctctgttt	aagaagtgtc	tcatcctcct	cctccacctc	300
tccgtgggtg	ttctctgcag	ctctctgtag	gttaggggtc	tgtgctgcct	ggcagaatgc	360
tcatgtgtta	gctgaataga	tatcatcgac	agacatagac	cactataggt	tttctttcct	420
tgtgaattcc	aaaatgccat	ccaagagtc	ttggtcaggg	aggaaaacta	atagggctgc	480
agttcacaaa	tcaaaacaag	agggccgtca	gcaagattta	ttgatagcag	ccttgggaat	540
gaaactgggt	tctccaaagt	cgtctgtgac	aatctggcaa	cctctgaaac	tctttgctta	600
ttcgcagttg	acatcacttg	ttagaagagc	aactctgaaa	gaaaacgagc	aaattccaaa	660
atatgaaaag	attcacaatt	tcaaggtgca	tacattcaga	gggccacact	ggtgtgaata	720
ctgtgccaac	tttatgtggg	gtctcattgc	tcagggagtg	aaatgtgcag	attgtggttt	780
gaatgttcat	aagcagtgtt	ccaagatggt	cccaaattgac	tgtgaagccag	acttgaagca	840
tgtcaaaaag	gtgtacagct	gtgaccttac	gacgctcgtg	aaagcacata	ccactaagcg	900
gccaatggtg	gtagacatgt	gcatcagggg	gattgagttc	agagggtctta	attctgaagg	960
actataccga	gtatcaggat	ttagtgcctt	aattgaagat	gtcaagatgg	ctttcgacag	1020
agatggtgag	aaggcagata	tttctgtgaa	catgtatgaa	gatatacaaca	ttatcactgg	1080
tgcacttaaa	ctgtacttca	gggatttgcc	aattccactc	attacatatg	atgcctaccc	1140
taagtttata	gaatctgcc	aaattattgga	tccggatgag	caattggaaa	cccttcatga	1200
agcactgaaa	ctactgccac	ctgctcactg	cgaaaccctc	cggtagctca	tggcacatct	1260
aaagagagtg	accctccacg	aaaaggagaa	tcttatgaat	gcagagaacc	ttggaatcgt	1320
ctttggaccc	acccttatga	gatctccaga	actagacgcc	atggctgcat	tgaatgat	1380
acggtatcag	agactggtgg	tggagctgct	tatcaaaaac	gaagacattt	tattttaaat	1440
ttttaatttg	aggggaaaag	aaatgtttta	cagatgaagg	aatgttttat	agtaatttaa	1500
tttgctcctg	tagctgcatt	atttcttgat	tagaggtttg	ggcatataac	cagattaaag	1560
tgaaggaaact	ttctgttggt	tttgtagcac	cgctcagctg	tcttgtaaaa	cagtgaacac	1620
acgctttctg	gttctagtaa	tcctgggtgt	ttatcacgtt	cagagaaact	caagctattg	1680
catgattagc	cccctatctg	gcaaggaaac	cccatacaga	agaaacaaca	aacctgcgcc	1740
tgcaccgcct	ctgcgtcctg	ggtagtctgt	gcttgtaatc	cagcatgttt	cacagagtaa	1800
gcctgttggtg	actttgcttt	tgggggtctat	gtcattgggt	tctgatgctt	gtacaaacac	1860
gcacacacaa	atggataaaa	cagcacctct	ggctgtttaca	ttaccataaa	ccatatcaca	1920
tgcctacatt	ttacaaatga	tttctgggtt	ctcttagttc	ttctctaaca	tagtactttc	1980
tttccagcaa	aagcaaaatg	tgttttcaga	tttgttactt	taataaagggt	tatccatacc	2040
aataaaaagt	gtacaacaca	gcattttctg	ttaaattatt	attgggttttc	agttgttaatt	2100
tgggtattttt	tctggcatgc	gtttattaat	ttattaaatt	ggctttttaga	aaaaaaaaa	2159

<210> 7724

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(358)

<223> similar to gi3875142 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7724
tcgttgcgta attcggcacg aggtctgaag atggcggcct cagcagcgcg aggtgctgcg      60
gcgctgcgta gaagtatcaa tcagccgggtt gcttttgtga gaagaattcc ttggactgcg      120
gcgtcgagtc agctgaaaga acactttgca cagttcggcc atgtcagaag gtgcatttta      180
ccttttgaca aggagactgg ctttcacaga ggtttgggtt gggttcagtt ttcttcagaa      240
gaaggacttc ggaatgcact acaacaggaa aatcatatta tagatggagt aaaggtccag      300
gttcacacta gaaggccaaa acttcgcaa acatctgatg atgaaaagaa agatttttga      360
gactgcagcc tattaataaa gttaacataa ctgagaaaaa aaaaa                      405

```

```

<210> 7725
<211> 2144
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1812)...(1952)
<223> similar to gi4262110 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7725
gaccccgacc tccccctctgc tttgcatggg acctaatgtct ccattttacag aactcactat      60
ttgcctcttg tgggggaagt ccccgatgt cagccttctc gtgggaatta taagaagtat      120
gagcccgaga gctccttttag tctctcccca gccagagtcac acatattttc ccccatgttt      180
tgtgggtgaa aaggcccttc agaaccctaa atccaccagc tttatatttg ttgctgggct      240
gcgtcattct agtcagaatc tgggaggatg ccaccatacg tagaggaggc catgagggtc      300
tcacctgtaa cattctgtag atatgacttg tttattctgt ctactgtgag tgcctgactc      360
tgagtagaat caaggccggg ggattgtcat ctgctttgtt tatgaaatta tgccaagccc      420
caagaagagc gatgcacaaa tgagggtgtt tgaatgtatg tgttgaatga gtgaacccca      480
acctttggag aaccccgatg agcctctcca gatgtctgag tgggcctgtg gctccttttt      540
cagcaccaag ggacccctct tctgtctgtg tcaaggagaa agaccagcca gaaggaatct      600
cagacatcct ttaccagtgc catcgagac ttggtttcta tgtgtttttc caaacagtga      660
gtgatacagg ccattgaggc agaatgctga gagctgcttc aagtgaaggg gaagagaaaa      720
gtaacaaaca tgaatcacag cacccccagc agattttcca gagttttagg ctctagggac      780
ccctttgttt gctgtgtctt agatcattga gtccctacaa gaaccctgtg aggttcgtct      840
tctcactact ccctgttcca gaggagccaa ccgaggctcc gagaggtgca tcttcaagac      900
agagccagta ggggacagag gcacctctgt gtcttgaggg gggatggaca ctcaccttct      960
aaccagtagt tccaaaaagt gtggcacagt gataaagtcc caggaggggc ccaggcaggt      1020
ggcataggag gagatgggtt tagttagaaa ggctggaacc agggactccc aacagcttct      1080
ccccagtgcc gggctggaaa gttagcatcc tgcagatctc attttcatac tagggggaca      1140
aggagggaca tgggagtcag tggtaacacc atggaccacc agaggatcgg gatctggaac      1200
tcacaccaag aagcaccaac ctttcaggga cttgtgcata tggagaacct gggtgcccat      1260
ggtgaaaagc gttctaggct ttcaaagtaa cattgcatgt gaggatggag aatgataaaa      1320
cgattcctgc cttcaaggca tcgtcccgtt gtttgtcagc tgtggggcaa cagcacctc      1380
tgtgtcagca acctgcatga agagcatcat ccctgcaagt cctcaaggcc tggggaggcc      1440
tcatccctc ctcatttcag caacagcaca caggacaata cgctctagaa gaactctttg      1500

```

```

acttaaaggt atatgattgt ttttgttcct ttaacatgaa cgtgagtctg gagaaacagc 1560
tacggccatc ccagccctgg ccaaggggaa aatgccggaa gactccaggg tgggaggaag 1620
cgcgccccaa ggcccaggat ctgcgaggcg acttggggaa aacgcaggca ggacctgctg 1680
aagctcacac ccgtggacca cccagactgc ctgccgctac aggatgccct ccgcatctcc 1740
caggacttct ttccggcatc agtgtggaca ttgacccac tggactgcag tcacagtgga 1800
ctcccaaggg gcaggatcca cctctgatgt tcagtgaaga ctaccagaaa agtctgctag 1860
agcagtacca tctgggtctg gatcaaaaac tcagaaaata cgtggttgga gagctcatct 1920
ggaattttgc cgatttcatg actaaccagt gtggttgagg agtgggcccc gggcaccttc 1980
aaactcaacc ccaatgatga ggacatccac acagccaaca agtgccacct gaagggtggc 2040
acggacctca ggttggtgat gtggcagacc tgcttcacgc tctcgggcct cctctgggag 2100
ctcatcagga ctatggggga ttgggcagag gtgttctctg tcca 2144

```

```

<210> 7726
<211> 1316
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (322)...(933)
<223> similar to gil666073 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7726
ccggcgccctg ggttgggcgt gcggggcgga ggcggtgtct gagcgccgt ccggctctgc 60
tctctctcga gcttcggcac ccgcccagac cgctcgcgcg cccgccacct gtctgcccac 120
tcggctgtct gtctgccctc ccgcccagag ctctgcctc gggcctgcc tctccggtct 180
cgggtgctccg aggggagcag agaagcgga cggggccgtg gcgcaccggg cagggcgcgc 240
ggggcgcacg gcctgggggc gcacgggtgc gcgcggccc atgaggcttt ccagcgcggg 300
gagcggcagc gccggccggc catggggggt agcctgcggg tggcgttct aggcgccccg 360
ggcgtgggca agacggccat catccgccag ttctgttcg gtgactaccc cgagcgccac 420
cggcccacgg acgggcccgc cctctaccga ccgcgggtgc tgcctgacgg cgccgtctac 480
gacttgagca tcgcgacgg cgacgtcgtt ggccccggt cgagccccgg gggtccggag 540
gagtggccag acgctaagga ctggagcttg caggacacgg acgccttcgt gctcgtctac 600
gacatctgca gcccgacag ttctgactac gtgaaggccc tgggcagcg catcgcgag 660
accaggccgg cgggcgcgcc cgaagcgccc atcctcgtgg taggcaaca gcgggacagg 720
cagcggtgc gcttcggacc gcggcgcgcg ctggcgccc tagtgcgag gggctggcg 780
tgcggtacc tcgagtgtc cgccaagtac aactggcacg tgctgcgtct ctccgcgag 840
ctgctgcgt gcgtctggt gcgcgcgcgc cctgcacacc cggccctgcg cctgcagggg 900
gcgctgcac ccgcgcgtg cagcctcatg tgaccgatc ggacagtgc atccatgggc 960
cccaccttgt gactgggaca atcagggacc tggattggac gggatcgccc aacttactg 1020
ggactggaca ggaagtctc cgccctgatt ggatgaggaa agctccaacc cagtctcta 1080
agcgactggc ccccttttga acctatttg acccaaccag gtcccaagct ccattggaga 1140
tgaccagtcc tttctgggac ctcaatgggt cacaatcca ttggatggaa aggacttggc 1200
tatgaacttg actgaaaca cgcagcctgc tcctggagct tcaactggac tattctttat 1260
gccacaccta ccacgggata ataaaaggga aaataatttg aaaaaaaaaa aaaagg 1316

```

[illegible]

<210> 7728

<211> 1704  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (79)...(1336)  
 <223> similar to gi4884241 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7728  
 gcatcgacagg cgccctcctc gggcctcccg gccggggggc ccaacgggga gagcccgggg 60  
 ggcggcgccc cctttccggg cagcagcggc tcttccgccc tgctgcaggc ggaggtgctg 120  
 gatctggacg aggacgagga cgacctggag gtgttcagca aggatgcctc attgatggac 180  
 atgaactcct tcagccctat gatgccaaca tcccccttat caatgataaa ccaaatacaag 240  
 tttgaggatg aaccagattt aaaggatctc ttcatacagc ttgatgaacc tgaaagtcac 300  
 gttactacaa tagaaacttt cattacgtat aggattatta ctaagacatc tcgtggggaa 360  
 tttgactcca gtgaatttga agttaggaga cgatatcaag atttcctttg gttgaaggga 420  
 aaactggaag aagcacaccc cactctgatt attccacccat tgccagaaaa gtttatagta 480  
 aaaggaatgg tggaaacgct taacgatgac ttcattgaga cagcgaggaa ggctttacat 540  
 aaatttttga accgaattgc tgatcatcca actttaacat ttaatgaaga cttcaaaatt 600  
 tttctcactg cacaagcttg ggaactctct tctcacaaga agcaagggtcc tggcttgcta 660  
 agcaggatgg ggcaaaccgt cagagctggt gcgtcctcaa tgagaggagt taaaaaccgc 720  
 ccagaggagt tcatggaaat gaataacttt attgaactat ttagccagaa aataaatttg 780  
 atagataaaa tatctcagag aatttataag gaagaaaggg aatattttga tgaaatgaaa 840  
 gaatatggcc caattcatat tctgtggtca gcgtcagaag aggatctggt tgatactcta 900  
 aaggatgttg ccagctgcat tgacagatgc tgtaaggcca ctgaaaagcg gatgtctgga 960  
 ctctcagagg ccctgcttcc tgttgtacat gagtacgtgc tttatagtga aatgttaatg 1020  
 ggtgttatga aaagaagaga ccaaatacaa gcagaactgg attccaaagt tgaagttttg 1080  
 acctataaaa aggcagatac tgatctgctt ccagaggaga ttggaaaact tgaagataaa 1140  
 gtggaatgtg ctaataatgc cctgaaagca gattgggaga gatggaaaca aaatatgcaa 1200  
 aatgatatac agttagcatt tacagatatg gctgaggaga atatccatta ttatgaacag 1260  
 tgccttgcta cgtgggaatc attccttaca tcacagacca accttcactt ggaagaagcc 1320  
 tctgaagata aaccttaatc ccattgagga cttctgtttg atctttggga gacagcattt 1380  
 attaaccaaa gttattcttt ctggatctgc cgtgtcctta taaagtggat gaaaaatggt 1440  
 ttgtacccat ctggaaaacc aacaacttga aatctcaggt attccagggt actgacatga 1500  
 atttgaagat atatctatct gtatggatat atatctatat gtatatagat atataaatac 1560  
 agagagatat ctggccttgg ttttaattatg ttcttaaat tgtgtgcca taattgcata 1620  
 tagatTTTTT tcttaaatat ttgactgtgg aacatgccat tttaaatatg ttgtaaggac 1680  
 tgTTTTtaata aaaagtttag tatg 1704

<210> 7729  
 <211> 2309  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2222)...(1845)  
 <223> similar to gi455109 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

<400> 7729

gctaaataaa	atgggggaac	cccagggttt	ttccctcccc	ccggttttaa	aacacgggcc	60
ccgaaattga	atdddggggc	ccccaaaaa	aaatatttct	ttccctccc	ccgggcataa	120
aaattgatcc	tttaaaaagg	gccccccctt	tttttttttt	tgacagtttt	taattgtgcc	180
tttattcaac	ttagttcatt	aaaaatgttt	taaagatcct	ataaataaag	tgaccactca	240
catgggatat	aggtcacccc	tcagcatggt	attdtdttttc	ttaaaaagca	gtattttctta	300
caggaatctt	actgatcaca	cggtagttac	aataatgtca	gatatgatgt	atacagtcta	360
aacgagacag	tccagttaag	aatatacata	atgtaaaaat	acacatatta	aaagttagcc	420
aagtggacag	acgcatgcgg	gggtgggggg	agcaggtgac	aggaactcct	ttaacaatca	480
gtagagggcc	cagatgcaaa	gaatctgggt	ttccccgtta	cagtaaacag	ctttcactaa	540
cgtatacagg	tatttcatac	acatctaaac	acacaagggt	aagttgtgac	ctgtacaca	600
tagggcttaa	agtgggtgaa	ttgtgatttt	cctgtgatac	tcccaagaaa	actataaata	660
gtgaacccca	tgcaagtact	gggaagcact	agtcttttat	cacaggttga	acctgaggag	720
gtttaactct	tgacattagt	atctgtaaag	agcgtacggc	tctttttgct	atgttttctc	780
cacaactgac	atgcacttgg	tgtgggagaa	ttctgatggc	tgtctgacct	aagagtgata	840
actactattc	aaaatgtggg	taccttttca	gtaatactga	gttacacatt	taacattaaa	900
aaaacaaaaa	cgtggatcat	ccacagcttt	aagccggaag	gcagaaggga	gtgtgtctga	960
atgttaatgt	tttcagttat	actattttgt	gtttctcccg	ctgtactcca	gagtgcact	1020
ggtacactgc	tgttttccgt	aacaacacag	gcactagttt	gaactcagac	aaaacctgaa	1080
acagaagaaa	tgccactctt	tctccagggt	cttttaagaa	actcgatcaa	aattataaat	1140
tattcaagtt	tctttttgag	tggtgtcttt	atgtgtgtaa	ctatctagag	aacaaacca	1200
accagaaatg	tctaccctcg	caagagtga	gactttgggt	gtggttctct	taggagtcag	1260
ggaccttcag	cagttttacag	tcagggccgt	tttctcacac	agcccgttta	ccctgcgttt	1320
gtgccaaactg	tgatggcaaa	tgccgttttg	cggggggttg	gcttcacaac	tcaggcctaa	1380
agatcctctt	agggagatct	ctctagctga	gtagaaaact	tctagcccaa	aaaggcggcg	1440
ggttctgtga	acctgaagag	aagactcagg	gtctctctga	aagccttta	attactgctg	1500
gaattacaag	ttcctattag	tgagaaaaga	gcattaaaa	aacctgaagg	tctattttat	1560
tggcaactta	gaatgcaaag	tattttat	ttaaactttt	aaaatttgaa	aacaagctag	1620
cctacattaa	ataatatagt	ttccaaagct	gaatgtgctc	acttggagct	cagtttttct	1680
gcttgaaaca	caaacacaac	ttcctaacac	tcctaggtgg	gaacactact	gtttcatgat	1740
ctgtgattgg	atgaactgat	cgatctcagt	tggtaacatc	cctttttttt	ccttggtgta	1800
ggttttaaaca	attctagaag	agatgcattt	tttctgggtt	tacactgaca	atttcatccc	1860
gaacgtctcc	tgggaggcat	agacctgtga	caggaatcca	tcttcatctt	tctcactctc	1920
atacacctct	gagattgggt	tggagacgct	gacctgctg	tgtccgttca	ccaacaggaa	1980
gaaggcctga	ttagcattga	gctgtaagcg	ccttctaatt	atcttgatga	gctcactcat	2040
gttgacatgg	tcagggtaca	ggaactttgt	tttatccaga	acaggaagct	gcttctcacc	2100
cttgatcgt	tctattatca	ccgggatttt	gggtggatgc	tgctctcgaa	taagtcggac	2160
atcttctact	ctttgttcga	aggtgcggcg	ctgcttgaag	gtcttctccg	acggcatggt	2220
gcggggatct	gggcggcggc	ggcggcgacg	acgcgaggg	ccggcgggct	ccggggggcg	2280
gcggctgctg	cggcggcgaa	tccgactct				2309

<210> 7730

<211> 1435

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (61)...(761)  
 <223> similar to gi4704419 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7730

ggaggaattc	ctgtccctac	cacaggcagt	gaacggcggc	tgtcagggga	cctcagctcc	60
atgccaggcc	ctgggactct	gagcgtccgt	gtctctcccc	cgcaacccat	cctcagccgg	120
ggccgtccag	acagcaacaa	gaccgagaac	cggcgtatca	cacacatctc	cgcgagcag	180
aagcggcgct	tcaacatcaa	gctgggggtt	gacacccttc	atgggctcgt	gagcacactc	240
agtgccccagc	ccagcctcaa	ggtgagcaaa	gctaccacgc	tgcagaagac	agctgagtac	300
atccttatgc	tacagcagga	gcgtgcgggc	ttgcaggagg	aggcccagca	gctgcgggat	360
gagattgagg	agctcaatgc	cgccattaac	ctgtgccagc	agcagctgcc	cgccacaggg	420
gtacccatca	cacaccagcg	ttttgaccag	atgcgagaca	tgtttgatga	ctacgtccga	480
acccgtaacg	tgcacaactg	gaagttctgg	gtgttcagca	tcctcatccg	gcctctgttt	540
gagtccttca	acgggatggg	gtccacggca	agtgtgcaca	ccctccgcca	gacctactg	600
gcctggctgg	accagtactg	ctctctgccc	gctctccggc	caactgtcct	gaactcccta	660
cgccagctgg	gcacatctac	cagtatcctg	accgaccogg	gcccgcaccc	tgagcaagcc	720
acacggggcag	tcacagaggg	cacccttggt	aaacctttat	agtcctggcc	agaccctgct	780
gtcactcag	ctgccctggg	ggctgctttc	cctggggcag	ggctccaggg	atcatctctg	840
ggcactccct	tctgccccca	ggccctgggt	ctgcccttcc	ctgggggggtg	gagcaggggc	900
caggttttcac	acttgccacc	tcttgagggt	caagaagagc	agagtccccc	tccctgctct	960
gccactgtgc	tccagcaccg	tgaccttggt	tgactcgtcc	gctgtctttg	gaccgctgtg	1020
tttcaatctg	caaaatgggg	atgggggaagg	ttcaatcagc	agatgacccc	caggccttgg	1080
cagctgtgac	attggggggc	taggctggca	actccggggg	ctcaacgggtg	gaaagaggag	1140
gatgctgttt	ctctgtcacc	tccacttgct	ccccgacagg	tggggcacag	acctctgttc	1200
ctgagcagag	aagcagaaaa	ggagggttccc	tctctctgct	ccttcactgc	tgacccagag	1260
gggctgcagg	atgggtttccc	ctgggagagg	ccaggagggc	ctgatcccag	gagacaccag	1320
ggccagagtg	accacagcag	ggcaggcatc	atgtgtgtgt	gtgtgtgtgg	atgtgtgtgt	1380
gtgggttttg	taaagaattc	ttgaccaata	aaagcaaaaa	ctgtcaaaaa	aaaaa	1435

<210> 7731  
 <211> 2075  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (155)...(1672)  
 <223> similar to gi2677802 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7731

gctaaaaagg	acgcgcgggt	cccacaagga	ttttggacaa	gccaggagg	cgaaccgcac	60
tcggcgaacc	tgggagctgg	cgcgaaagcct	gctggtaatg	cgcttgtgcg	cctggccccgc	120
gctgctggcg	cgccacgagc	agctgctgta	tgtttccagg	aaacttctag	gacagagggt	180
attcaacaag	ctcatgaaga	tgaccttcta	tgggcatttt	gtagccgggg	aggcccagga	240
gtccatccag	cccctgcttc	ggcactacag	ggccttcggg	gtcagcgcca	tcctggacta	300

tggagtggag	gaggacctga	gccccgagga	ggcagagcac	aaggagatgg	agtcctgctc	360
ctcggctgcg	gagagggatg	gcagtggcac	gaataagcgg	gacaagcaat	accaggccca	420
ccgggccttc	ggggaccgca	ggaatggtgt	catcagtgcc	cgcacctact	tctacgccaa	480
tgaggccaag	tgcgacagcc	acatggagac	attccttgcg	tgcacgaag	cctcaggtag	540
agtcagcgat	gacggcttca	tagccattaa	gctcacagca	ctggggagac	cccagtttct	600
gctgcagttc	tcagaggtgc	tggccaagtg	gaggtgcttc	tttcaccaaa	tggctgtgga	660
gcaagggcag	gcgggcctgg	ctgccatgga	caccaagctg	gaggtggcgg	tgctgcagga	720
aagtgtcgca	aagttgggca	tcgcatccag	ggctgagatt	gaggactggt	tcacggcaga	780
gaccctggga	gtgtctggca	ccatggacct	gctggactgg	agcagcctca	tcgacagcag	840
gaccaagctg	tccaagcacc	tggtagtccc	caacgcacag	acaggacagc	tggagcccct	900
gctgtcccgg	ttcactgagg	aggaggagct	acagatgacc	aggatgctac	agcggatgga	960
tgctcctggc	aagaaagcca	cagagatggg	cgtgcggctg	atggtggatg	ccgagcagac	1020
ctacttccag	ccggccatca	gccgcctgac	gctggagatg	cagcgggaagt	tcaatgtgga	1080
gaagccgctc	atcttcaaca	cataccagtg	ctacctcaag	gatgcctatg	acaatgtgac	1140
cctggacgtg	gagctggctc	gccgtgaggg	ctggtgtttt	ggggccaagc	tgggtgcggg	1200
cgcatacctg	gcccaggagc	gagcccgtgc	ggcagagatc	ggctatgagg	accccatcaa	1260
ccccacgtac	gaggccacca	acgccatgta	ccacaggtgc	ctggactacg	tggttgagga	1320
gctgaagcac	aacgccaagg	ccaaggtgat	ggtggcctcc	cacaatgagg	acacagtgcg	1380
cttcgcaactg	cgcaggatgg	aggagctggg	cctgcacctc	gctgaccacc	aggtgtactt	1440
tggaacagctg	ctaggcatgt	gtgaccagat	cagcttcccg	ctggggccagg	ccggctaccc	1500
cgtgtacaag	tacgtgccct	atggccccgt	gatggagggtg	ctgccctact	tgtcccgcgg	1560
tgccctggag	aacagcagcc	tcatgaaggg	cacccatcgg	gagcggcagt	tgctgtggct	1620
ggagctcttg	aggcggtctc	gaactggcaa	cctcttccat	cgccctgcct	agcaccgcc	1680
agcacaccct	cagcctccag	caccccccg	ccccgccag	gccatcacca	cagctgcagc	1740
caaccccatc	ctcacacaga	ttcacctttt	ttcacccac	acttgcaag	ctgctggagg	1800
tgaggtcagg	tgccctccag	cctgcccag	agtatgggca	ctcaggtgtg	ggccgaacct	1860
gatacctgcc	tgggacagcc	actggaact	tttgggaact	ctcctcgaat	gtgtggggcc	1920
aaggccccca	cctctgtgac	ccccatgtcc	ttggacctag	aggattgtcc	accttctgcc	1980
aaggccagcc	cacacagccc	gagccccctg	gggagcagtg	gccgggctgg	ggaggcctgc	2040
ctgggtcaata	aaccactggt	cctgcaaaaa	aaaaa			2075

<210> 7732

<211> 1588

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (480)...(341)

<223> similar to gi3288513 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7732

tttttttttt	ttgtattata	aactgacttt	taataataat	aaaaaatcta	tcaagaattt	60
aacgagaaga	atctgtacat	tttaaagtaa	accagtgcac	aatgcgctgg	ccctggggcc	120
tccccattt	cccgcagcag	ggctaaagcg	ggtcctcctt	tgtctctgat	gcaagataca	180
gtgacaaggc	cactgcctgc	cctcgtgtat	gctgcggcaa	gagagggaag	cgcaccctgg	240
agggcgggag	gctcggatgc	cagatgccgg	gagggcttca	agctcccagg	cctggggggca	300
gcagggagcc	cccacctgaa	ctcaccacct	gccaggggtg	acaggcgctc	ccccgcttcc	360
tccccagctg	tgacctttcc	ctgaaggcat	accgaagctg	gggggacaaa	ctgccgaggg	420

```

ggcttggtg ggtccctcct cccagcagc cagggtggct tctgtgctc tggctggtga 480
tgtccaatc gccctgctct gagaagttac catcaagaaa ataaatcaca gaagccaccg 540
cccgtgttt cccagtgacc ctctaaccg tgtgacatgg cacctcaggt ggggtccat 600
ccctccagc tccaaccctg gctggccacc tctcaggccc ttgtagccag tcaactaaag 660
agagcgagtt ttaacaccgg ccaaccgctg gagaatggag ggtgggggaa ggaatcacag 720
tcgatacctc aaaacgacac cttacaaccc taatattaac aaacaggaaa caatgacatt 780
ttttaatttt tcaataattt agtttttctt ttgtgctctt ttttttttag tagaagcagg 840
aacagttgtc aatactacct tctgttggtc ccctgttaga caacatacct ttctttgaaa 900
tgtaaaatgt caaatatata atcacacaac tttagaaaaa acaaactttg acaacaccaa 960
caacaaaaaa tcccaaaata aaccagagat ttcattgccat ataaataaag tcagagcaaa 1020
tctcgtgcc agggctggtg gccccagttc caggggcggt gatgtccaga gctggtgtg 1080
ctctcgggga tcctctggtg acaggcggtg tggaggcccc gtctctcctt tcccgacaga 1140
gccaagtctt ttccaagtcc accaagcagg ttagtacagg gttagggtga acctggaagc 1200
taagatgagg aggaggagac acgtgtggtc acctggaatg tggacgttga aggaaaccgg 1260
ggtttcaaaa gtgcaggcgg agccatcccg agggagccgg gtggccccat gtggcctcca 1320
tgacgttccc ttgggttctg gggacgcagg agccgaaggc caggcaccag ctgctcccat 1380
cagctctatg ggtctccagc accctccag ctctcggcag gcgtgtgaag aatgggcccg 1440
cccagggcca atcagccagc tcgtcatcac agcgagggtg gccaggcttg tcccggaagg 1500
aggcaggag gagctgggc aggtcccga acggggcggt gcggaaacct tgggccatcc 1560
atggagaagg ccagcgctgc ttgctgtg 1588

```

```

<210> 7733
<211> 1129
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (567)...(191)
<223> similar to gi913978 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7733
tttttttttt ttgtggcaac acgtttaatt ctgtggccag gctagcctgt ctccaaggcc 60
tgggtggacag cacgtcacca gaggtgccc caggagcagg cagggccagc cctgcaagag 120
gagtgcaggc aaaggcgggg gctctgaagt ggctgctgga ggcagcaggc cccgggctgg 180
gagtgtcag tagccgtcgt tagcccagg gacctcgtag tcggggtact tggctttgat 240
tttctcagtt gaaatggcgt gctgggcagg accataggcc atggaatagc cgtacacgtg 300
aatcttcttg tcctgactct ggtgggagat gcgcccgcgg cccagacact cacagtcgca 360
gccttgcttc tgcattgtgc ccgacacttt gtgctagatg tccgcatggt actcagccca 420
cttgtagccg cgcacgatct ccttgctctc tgcagccgga gccccggagc ggggagccga 480
gtggactcgg atcagcacat acttgaagac gccgtcggag tcgatgtcca catcaggaat 540
gagagcgagg tccgccaccg ccatgttcct cctcccggag tcccctcctc ccaccgcacc 600
cgggggccgc ttgtactgcg ggaggcgggc tctgcgagag cgacgaccaa tcccgctcggg 660
gaatgcttcc caaggcccag cgcctcagcc aattgtaccg ccgaccgagg cacgtgctga 720
ccaatcgcaa tccagttcct tgccgccttg cggtccgcgc agccccgctt aaaggaaacg 780
tggaatcggg aatgggtggt gatgaaatca gccaacggag aagttcctct ccagcggggt 840
ccggtggcac ccttggaacg gggcagttag gcggcccgcg aggtgctcgc caccagcctt 900
tgccctccag gctcccacct gggaacgccc cgtcccttgg tccttctctc cctaaccagg 960
tgtcagctct ggccaggccc aggtgctctg cttcccctgt tcagggtcccc tgccccttcg 1020

```

```

gctgggagac ttgcatatcg gcctgaagac ctccctgcgg tttttccag ctccctgcagg 1080
gccagactg cagcggctgg aggcgaagg acggcagggc gcgtggcgt 1129

```

```

<210> 7734
<211> 1944
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (348)...(1359)
<223> similar to gi4545264 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

09433725.012100

```

<400> 7734
gggggggtttt ggttcgagac cctagtcacc gtgctggaat tccggaagag ctgggtgctg 60
acggcgctgg gcgggtcagg ggcgagagac gtgctaacca atgacttgag ggagtagggg 120
gccgggtttg ggccctcagt tgctaagggc tacccgagtg ggaagcgggt caagagatgg 180
ggtgaagggt ggttcaccgg ttcttcaagt cctcagcctt ctggcccgcg gaagttaagc 240
aaccaagagg cgggcctaag accggaagca ggaaggagg cgcaggaagc agggcgccgc 300
agcctgtcgt acggtccttc tgtgggtctg tcggtgccga gggcaggatg gagaagctgc 360
ggctcctggg cctccgctac caggagtacg tgactcgtca cccggccgcc acggcccagc 420
tgagacagc agtgcggggc ttcagttacc tgctggcagg tcgattcgcc gattcgcacg 480
agctgtcaga gctggtgtac tctgcctcta acctgcttgt gctgctcaat gacgggatcc 540
tacggaagga gcttcggaag aagttgcctg tgcgctgtc ccagcagaag ctgctgacat 600
ggctgagcgt gctggagtgc gtggaggtgt tcatggagat gggagctgcc aaggtgtggg 660
gtgaagtggg ccgctggctt gtcctgccc tcatccagct ggccaaggct gtactgcgga 720
tgctcctgct gctctggttc aaggctggcc tccagacttc acccctatc gttccactgg 780
acagagagac ccaggcacag ccccgcatg gtgaccacag ccctggcaac catgagcagt 840
cctacgtggg gaagcgggtca aaccgggtgg tgcgaaccct ccagaacacg ccgtccctgc 900
actccgggca ctggggagct cccagcagc gggaggagc gcagcatcag catcacgagg 960
agctgagtgc gacccccacc cccctggggc tgcaggagac catcgagag tttttgtaca 1020
ttgcccggcc gctgctgcac ttgctcagcc tgggctgtg ggtcagagg tcgtggaac 1080
cctggctctt ggctggtgtt gtggacgtga ccagcctgag cctcctgagt gacagaaagg 1140
gcctgaccgg gagggagcgg cgggagctgc ggcgcggac catcctgtg ctctactacc 1200
tgctgcgtc tcctttctac gaccgcttct ccgagccag gatcctctc ctgctccagt 1260
tgctggccga ccacgtccct ggcggtggcc tggtcacaag gccgctcatg gattacttgc 1320
ccacctggca gaaaatctac ttctacagtt ggggtgaca gacctcccg aaggagggtg 1380
tggggagggg tggggcaggg agccctctt ccctaataaa actgactccg gcagcgtccc 1440
agcgtgcggc ctctccgtgc ctaccggcca ggccacacac agccctggtc gccaccagcg 1500
ttcctcccag gacacccttg actgcgtct cctgtgacga tgccactgca gcccgacct 1560
tgtcactgct gggccaagaa gccttacta ggagtgggat ccaggctcct ctcccacaga 1620
aagcgggtgac ttcacctcat ggagccggg aagctgcttg cctcggcagc cataggagcg 1680
aacactgctg ctctctcgct ggccctggg gaggacagga agcctgaacc cgggtgatgg 1740
ctgaacgctg cccagcgtgt ctcttggtg gggccctccg tctgccccct tctccgcagg 1800
gccctgtggc tctggcagcc ccaggccatg gggttgccag cctccctgtg acagagcctg 1860
gtgaacagtg agcctggctc ccacgcaagt ggccctttaa gccctgcatc ctcggttgag 1920
agtaaaaggc ttttctccct taga 1944

```

<210> 7735  
 <211> 911  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (134)...(379)  
 <223> similar to gi3094014 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7735  
 gcgggccgcg cggtggcgga gactgtggct ttaagagcgt gccgggagcc cgagccccag 60  
 ccgggccgcg cttcgccgct gcgcacccca gcggagccaa gcccacgct ggccggacag 120  
 ggccgcctgt cgccggtcat tccaaggaag tcaaggacga gcatacctct ttaactcagt 180  
 agttaatgtg ggctgtgggc ctgcagaaga gcgagtgttg ctaacaggac tgcattgcagt 240  
 cgcagacatt tactgtgaaa actgcaaaac cactctgggc tggaaatacg aacatgcttt 300  
 tgaaagcagc cagaaatata aagaaggcaa atacatcatt gaactagcac acatgatcaa 360  
 ggacaatggc tgggactgat tggacagcat ctacccaacc cagtgtccac gttgaacgcc 420  
 attcaaccga acattcttcc caagcgtgag agagtgactg aacacttggg tcccatccca 480  
 ttttaagggc cttgcccata ccggggcatc cctcccaccc ctgacgcca tctttcctgg 540  
 tgaccggcct cctaaatcgc tgtctctctg tcctctttgc tttgtatctg tttgtgaagt 600  
 tgatcctggg cttctctctc tgttctagtt ttgggctgga aaacaaaaca acaaaaggaa 660  
 cagatccttg accggcatgg cggcagccca ccttggttaag ggccccaggg cccatgagag 720  
 agctgcctga tggcctcttg tcaggagagc cagtggcacg ggggctgag gaagagggaa 780  
 aggggaaact ctaaggggtc tggcgcgggg aaggggtgga aggggtggag taggaacaaa 840  
 attgcgccgc tcctggagac ctgataactt aggcctgaaa taattgactt gtctaaaagg 900  
 acaaagagaa a 911

<210> 7736  
 <211> 3128  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (820)...(2271)  
 <223> similar to gi4191789 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7736  
 gcggccgctc cctcccggac tcccggcctc ccggcctccc tggccccgcc tgggaaggga 60  
 tgcaaggaag ccctccggcg ctgcgctccg aggtgggaga cagcgtcccc ctccgccctt 120  
 cgggtcctgg cgcctcagag cccggcccag gccgcggaac ggtgatgctc gggccggacg 180

ggcgggcgcg	gatccctgcg	tcccgtgtaa	aatgtgtgtc	tgacatgcaa	gctcagtggg	240
gcagagaccc	gtggattgct	gtgccctgcc	ctccggacct	ggatcatgaa	ggtgttggga	300
agaagcttct	tctgggtgct	gtttcccgct	cttccctggg	cgggtgcaggc	tgtggagcac	360
gaggaggtgg	cgagcggtgt	gatcaaaactg	caccgcgggc	gaggggtggc	tgccatgcag	420
agccggcagt	gggtccggga	cagctgcagg	aagctctcag	ggcttctccg	ccagaagaat	480
gcagttctga	acaaaactgaa	aactgcaatt	ggagcagtgg	agaaagacgt	gggcctgtcg	540
gatgaagaga	aactgtttca	ggtgcacacg	tttgaaattt	tccagaaaga	gctgaatgaa	600
agtgaataat	ccgttttcca	agctgtctac	ggactgcaga	gagccctgca	gggggattac	660
aaagatgtcg	tgaacatgaa	ggagagcagc	cggcagcgcc	tggaggccct	gagagaggct	720
gcaataaagg	aagaaacaga	atatatggaa	cttctggcag	cagaaaaaca	tcaagttgaa	780
gcccttaaaa	atatgcaaca	tcaaaaccaa	agtttatcca	tgcttgacga	gattcttgaa	840
gatgtaagaa	aggcagcgga	tcgtctggag	gaagagatag	aggaacatgc	ttttgacgac	900
aataaatcag	tcaagggggt	caatttttag	gcagttctga	gggtggagga	agaagaggcc	960
aattctaagc	aaaatataac	aaaacgagaa	gtggaggatg	acttgggtct	tagcatgctg	1020
attgactccc	agaacaacca	gtatattttg	accaagccca	gagattcaac	catcccacgt	1080
gcagatcacc	actttataaa	ggacattgtt	accataggaa	tgctgtcctt	gccttgtggc	1140
tggctatgta	cagccatagg	attgcctaca	atgtttgggt	atattatttg	tggtgtactt	1200
ctgggacctt	caggactaaa	tagtattaag	tctattgtgc	aagtggagac	attaggagaa	1260
tttgggggtg	tttttactct	ttttcttggt	ggcttagaat	tttctccaga	aaagctaaga	1320
aagggtgtgga	agatttcctt	acaaggggccg	tgttacatga	cactgttaat	gattgcattt	1380
ggcttgtctg	gggggcatct	cttgcggatc	aaaccacgc	agagcgtctt	catttccacg	1440
tgtctgtcct	tgtcaagcac	acccctcggt	tccagggtcc	tcatgggcag	tgctcggggt	1500
gacaaagaag	gcgacattga	ctacagcacc	gtgctcctcg	gcatgctggt	gacgcaggac	1560
gtgcagctcg	ggctcttcat	ggccgtcatg	ccgactctca	tacaggcggg	cgccagtgcg	1620
tcttctagca	ttgtcgtgga	agttctccga	atcctgggtt	tgattgggtc	gattcttttt	1680
tcactagcgg	cggtttttct	tttatgtctt	gttataaaga	agtatctcat	tggaacctat	1740
tatcggaagc	tgacatgga	aagcaagggt	aacaaagaaa	tcctgatctt	gggaatatct	1800
gcctttatct	tcttaatggt	aacggtcacg	gagctgtctg	acgtctccat	ggagctgggc	1860
tgtttcctgg	ctggagcgct	cgtctcctct	cagggccccc	tggtcaccga	ggagatcgcc	1920
acctccatcg	aacctatccg	cgacttccct	gccatcggtt	tcttcgcctc	catagggctc	1980
cacgtgttcc	ccacgtttgt	ggcgtacgag	ctcacggtgc	tggtgttctt	caccttgtca	2040
gtggtggtga	tgaagtttct	cctggcggtg	ctggtcctgt	ctctcattct	gccgaggagc	2100
agccagtaca	tcaagtggat	cgtctctgct	gggcttggcc	aggtcagcga	gttttccttt	2160
gtcctgggga	gccggggtcg	aagagcggtg	gtcatctctc	gggaggtgta	cctccttata	2220
ctgagtgtga	ccacgctcag	cctcttgctc	gccccggtgc	tgtggagagc	tgcaatcacg	2280
aggtgtgtgc	ccagaccgga	gagacgggtc	agcctctgat	ggctcggaga	tgatggaccg	2340
tggaaggga	gcgtctgtgg	ggagtgcgag	cttagatggc	cagcagctgc	tccttctggg	2400
aagctcgac	cttggcaaca	gaacagccct	ctagcagagc	gtcagtgcag	tcgtgttatc	2460
ccggctttta	cagaatattc	ttgtcctatt	ttagaatttt	ccggagtagt	ttatttgagc	2520
tctgttgatt	atgtgcagta	gacccgggac	actgcgtttt	accgatcacc	ttgaatgtgg	2580
tgccctggatg	tgcccttttt	tttttccctg	aaattattat	aaattttctt	tggggagttc	2640
atcagttcat	agttttttta	gtaaagaagc	aaaattaaaa	ggctttttaa	aatgtacaac	2700
ttcagaatta	taatctgtta	gtcaaatatt	tgttattaaa	catttctgta	atatgaagtt	2760
gtaatcctgg	ccgtgagctt	ggaagcttac	ttttgattct	taaagcctat	gttttctaaa	2820
atgagacaaa	tacggatgtc	tatttgccct	ttattgtaac	ttttaaatga	aataatttca	2880
tgtcaatttc	tattagatat	atcacttaaa	atatttggtt	ttaaatcaca	agaatatgta	2940
ttcttttaata	aagataattt	atgatcatgg	tataattaat	tgaaatttat	taaaatctgt	3000
ttttattaat	ttttttgact	tgagcttatc	tttatacaaa	attccagcca	attttttttt	3060
tttactaaga	tgatttctat	attaacatgc	tattctccaa	gacaccaaat	taatgcaggg	3120
ttaattgg						3128

<210> 7737  
<211> 1820

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (395)...(1417)  
<223> similar to gi3879803 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7737  
ccgggggggtg gaattcagct gcgactgcag ttctgaagcc taactggttg cccgtgccgc 60  
ctcggagggtg aagtgtactg cgctgattgg cttccaggcg ccggccgcgt gtgatgtccc 120  
gggcaacgat tggctctcgc ctaccggggg cttctctcac cgggactcgg gactccccgg 180  
aagtggaccg gcagaagagg gggctagcta gctgtctctg cggaccaggg agacccccgc 240  
gcccccccg tgtgaggcgg cctcacaggg ccgggtgggc tggcgagccg acgcggcggc 300  
ggaggagggt gtgaggagt tgtggaacag gaccggggac agaggaacca tggctccgca 360  
gaacctgagc accttttgcc tgttgctgct atacctcatc ggggcgggtg ttgccggacg 420  
agatttctat aagatcttgg gggtgccctg aagtgcctct ataaaggata ttaaaaaggc 480  
ctataggaaa ctagccctgc agcttcatcc cgaccggaac cctgatgatc cacaagccca 540  
ggagaaattc caggatctgg gtgctgctta tgaggttctg tcagatagtg agaaacggaa 600  
acagtacgat acttatgggt aagaaggatt aaaagatggt catcagagct cccatggaga 660  
cattttttca cacttctttg gggattttgg tttcatgttt ggaggaaccc ctgcgtcagca 720  
agacagaaat attccaagag gaagtgatat tattgtagat ctagaagtca ctttggaaga 780  
agtatatgca ggaaattttg tggaaagtag tagaaacaaa cctgtggcaa ggcaggctcc 840  
tggcaaacgg aagtgcattt gtcggcaaga gatgcggacc acccagctgg gccctgggcg 900  
cttccaaatg acccaggagg tgggctgcga cgaatgccct aatgtcaaac tagtgaatga 960  
agaacgaacg ctggaagtag aaatagagcc tggggtgaga gacggcatgg agtaccctt 1020  
tattggagaa ggtgagcctc acgtggatgg ggagcctgga gatttacggt tccgaatcaa 1080  
agttgtcaag cacccaatat ttgaaaggag aggagatgat ttgtacacaa atgtgacaat 1140  
ctcattagtt gagtacttgg ttggctttga gatggatatt actcacttgg atggtcacaa 1200  
ggtacatat tcccgggata agatcaccag gccaggagcg aagctatgga agaaagggga 1260  
agggtctccc aactttgaca acaacaatat caagggtctt ttgataatca cttttgatgt 1320  
ggattttcca aaagaacagt taacagagga agcgagagaa ggtatcaaac agctactgaa 1380  
acaagggtca gtgcagaagg tatacaatgg actgcaagga tattgagagt gaataaaatt 1440  
ggactttgtt taaaataagt gaataagcga tatttattat ctgcaagggt tttttgtgtg 1500  
tgtttttgtt tttattttca atatgcaagt taggcttaat ttttttatct aatgatcatc 1560  
atgaaatgaa taagagggct taagaatttg tccatttgca ttcggaaaag aatgaccagc 1620  
aaaaggttta ctaataacct tccctttggg gatttaaatgt ctggtgctgc cgcctgagtt 1680  
tcaagaatta aagctgcaag aggactccag gagcaaaaga aacacaatat agaggggttg 1740  
agttgttagc aatttcatc aaaatgccaa ctggagaagt ctgtttttaa atacattttg 1800  
ttgttatttc aaaaaaaaaa 1820

<210> 7738  
<211> 1251  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (876)...(702)



<223> similar to gi3335367 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7738
ctttgcaata tgaaatataa tttttcaagt caaaaaagaa taaaatactt caatctgtat    60
taatgcaatt tctctttaa aacttttaaac gtttttaata tataagagat atgttacagt    120
ttctttaact ttaataaagc tgcagtatcc tggtttcaca ggaactcctg gcccttccac    180
gaacattcaa aaaggatcca ctgtgttcta taataagtat cataggaacc caccacacaa    240
ggggaacaca ctaaacagtc cacacatccc atagcactac tatcatcttc atcataatta    300
ttactgttca ttttttcccta ctttaagaaa atggaaaact tgtgggggtt tcttcttttg    360
gaagcttcct attgaagtaa agtgtaaaaa ctatcattac tagaatgtcg ccgttcctat    420
tatttataga gcatgcattt caggtgttca ggtttcccag gctacagtac tttttatgca    480
gatatacctg caaattcctt tacttaaaaa tttaaatttta aaaatgagcg gatactacag    540
ctttccaagc tcctctcgga tctcagagtg ttggtggggc cggaaggag aagggagagg    600
gggggcaccc agggaggcag gcgagcgctg gggaaagagg atggggaggg gttccccctt    660
ccccagcac ggtgcgcact agcagcgccc gctgccttta agaaaagatg cggtatggcct    720
gagtgcacgc ggtgtggcag accgggcact cggtctcgct cttctcacag atgcgattgg    780
cgactccat gcagaagagg ttgtggccac agggcaccag cgcggaatc acttcgctct    840
cgaagcacac ggagcagtcg cggctgcctt tacgccgaag cccggagaag gaggatgaag    900
agctggagga ggagctggac gaagaggagg agcacgacgt gtccgacggc tgcaagccag    960
gcagctgtgc cccagcccc ttggcataag cggcgtaggc caggcctcct ccacccgggt    1020
cgctgcgcac ccggcgagcc aggtgtgtgt ctcccgcccc cggggccatg tgcaagggtg    1080
gagacaggcg cgggcagctg gtgccagggt gcagccggcg gtgcaccaat agccccagg    1140
tggcgttgga gggcgactg gcgccacccc cggggaagac cacggaggag gaagaagcag    1200
acgaagatgc agaagaagag caggaagaag ataccggagc tgcaggtcgg c          1251

```

```

<210> 7739
<211> 1448
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (314)...(883)
<223> similar to gi2911264 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7739
ggagacacac aaagtagacc ttgggctccc agagaagaaa aagaagaata aagtgggtcaa    60
agaaccagag actcgatact cagttttaa caatgatgat tactttgctg atgtttctcc    120
tttaagagct acatccccct ctaagagtgt ggcccatggg caggcacctg agatgcctct    180
agtgaagaaa aagaagaaga aaaagaaggg tgctcagcagc cctaggaaaag gaagtaaaaa    240
gaagccagtc aaagttgagg ctccggaata catccccata agtgatgacc ctaaggcctc    300
cgcaaagaaa aagatgaagt ccaaaaagaa ggtagagcag ccagtcacg aggagccagc    360
tctgaaaagg aagaaaaaga agaagaggaa agagagtggg gtagcaggag acccttgaa    420
ggaggaaaca gacacggact tagaggtggt gttggaaaaa aaaggcaaca tggatgaggc    480
gcacatagac caggtgaggc gaaaggcctt gcaagaagag atcgatcgcg agtcaggcaa    540

```

```

aacggaagct tctgaaacca ggaagtggac gggaacccag tttggccagt gggatactgc 600
tggttttgag aacgaggacc aaaaactgaa atttctcaga cttatgggtg gcttcaaaaa 660
cctgtccctt tegttagcc gcccgcag cagcattgca aggcccaaca tggccctcgg 720
caagaaggcg gctgacagcc tgcagcagaa tctgcagcgg gactacgacc gggccatgag 780
ctggaagtac agcggggag ccggcctcgg cttctccacc gcccacaaca agatctttta 840
cattgacagg aacgcttcca agtcagtcaa gctggaagat taaactctag agttttgtcc 900
ccccaaaact gccacaattg ctttgattat tccatttatg ctggagatta caaatttttt 960
ttgtgaaaaa atcagatctt ggtgaggacc tgcagcagta agatataaat aactcccata 1020
agcttagcgt tccagtaatg gaacactagg cataaatggt ttattcagtt gtgcaaatga 1080
aagccatctg acagttggct cacattgaac acctgtggag attaaggacg aggacaacta 1140
tattgatggg cttggatgaa ctggggcagg gcagctcata tttcgggagc caggagaacg 1200
agtgagtgtt aaaacctcct gttttctgtg ttaaacattc cgtccctgtt tgagacatca 1260
gtatgtacag ttaacttttg ttgagtgttt agcagggtact agggacatac tagtggtttc 1320
cttaatgtat ttaactttca taattatgaa atgggtgcta ttattagccc catcttatag 1380
atgaggcaac tgaggttcag ggataaagta ataaaattgc ctgggggtcac ccagcccact 1440
aaaaaaaa

```

```

<210> 7740
<211> 1404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1318)...(142)
<223> similar to gi3777604 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7740
tttttttttt ttaaaaagag aaacctttat ttacaacccat gggagtccca caggagtaca 60
caaaacacac aatgtgcaca cacacaaaat gaacctttta agtcaatacc atgcgtgctc 120
ctggccgcgc gccacccctc agtgccttat ccgcaccacc atcacagtga cgttgtcggc 180
cgagccccgc tgcaccgcct tgttggccag cctggttcag gctgcttcgt agcgggcgtc 240
ggctgcggac ttcccttccc ggggtctggat cttttcatcc tcgagacagg acaagatgaa 300
gttcacggct tcttctgggg taaagacctt gaagagccca tcacaggcca acaaaatgaa 360
cctgtcattg ggggtcagct ggcagcgtct gatgtcgggc acagaggtga caccgcagcg 420
cttgactatg ccgtcccaa tggagcgtga cacctctagc acgcccacaa cacgcccac 480
cctgacgttt cctccagcct tctgtatcct catccgctct tcatactgag ttggattatg 540
ctcttttctg aggtttaagg ctgcatgttt ttgactctcc tcattataac gacacaagat 600
tgccccgacta tctccgaggt tggcaatata aagaatgttg tctacagcca gaacacacgt 660
ggcagtggac ccatctttcc aggcaggcct ctggctggaa gcttggttta ggaactcttc 720
atcagtatgc ttgaaagtgt ccaaaaaggca tctcttcacg gttttctcta cactgattac 780
atctccttta ggaaattttc tgattaagtt ttgatgcaaa ttctgtgcag caaattttga 840
ggctcgaatt cctccatgtc catcaaaaac agcaaaatat gaaacccgag taatgagggg 900
cgatgggggc ctacactcct cgggtgatgtc gttcaggatg acgtgggcat cctgcattct 960
ctccctctca cccttccgct cagccacata gcccttcaga ccaaagatca ccgaagaggc 1020
tttacaactt ttcttttcca caagctcttc actgccattc ttctcttctt cggagggttt 1080
tctctttgct cctttccctt cagtctttac catctgggat attgatgtgg caagagaacc 1140
tgaatcgcca ctgctagcgg gtgggagatc atcaaaaagc aaaggtcccc ctgatcctga 1200
gtcagtactg ctggccggag ggaggtcatc aaagagcagg ggtcctttct gagcttcttt 1260

```

```

cccggcagcc gggcgcgggcg agcgctcggg ctccggcagg tccccgaaga ggtccatggc 1320
ggaggctggg tggaggcggc agcagcgaca gacactcagc ccgcgagcag cggccgggct 1380
ccacgaaatc gtcgaccgag gaat 1404

```

```

<210> 7741
<211> 1427
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1337)...(963)
<223> similar to gi537235 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

CCCTTTTGA TCCGCTTCTT TCAGGATTAG TTGACAAAGA AATTCAAAAA AGTCTATTCC

```

<400> 7741
tgattttatac gtaaaacatg ttagtgttat ttctgcttta cataaactta taaggatttt 60
ttattttaaag gatttaaaaa tataacacag tcaatataaa catgtactgg gaattataaa 120
ccattcttttc ttctaagcac tggatgagat actaaaaaca tacagtatct taccaatagc 180
cattaaaata ggctaaaatc gaaaaagaaa ccattgtaac aagggttatta atccccaac 240
tttcaatgct gagttccttc atcatccatg tggcaatcca gaggatgaca tctaggcagg 300
gtgggtaaaa ttattctggg aaaatggcca actgttactt gggacaaaat taaggtttaa 360
ttgctattat gggttgttcc atttaaagtt ttatgtggg gctatgggtt tccactggag 420
ctaaaaattt ggcttttaac tgtttccaaa tcagaactag cagaggagag aagtaaataa 480
agccaatggc actcccttca gaggtcaaa atggttagat tttgatggca gatttaacc 540
tagcgagttt tcagtcagtc cathtagatg atcctgtagg ttcatacaaa tacactgaac 600
cgttgggtta acttctcttc ctctctcaaa gtttatgata aagagactca tccctgtatt 660
gggagtgact gacataagtt cagatctgct cagagtggct ggtaaggaa acttaaggtc 720
agtcagaaaa taatcaaaca gacttctcat gtaagcaccg tgactcaca ctaagacact 780
ggctgcta at cctggaatac cgctgtctga attaacttta gagctgtgat tttttcctaa 840
aggaaatatt tctgccaag aagtttccag acagttgctt ggagatcctt gggaaaactg 900
ttctttttga tccgcttctt tcaggattag ttgacaaaga aattcaaaaa agtctattcc 960
acgcattttc acctgggtcca gcgctctctc tccggcggtt gtaaacacag ggcactcttc 1020
cctggctgct ttggccatgg cctcagctc acttagcgct ttgccttcta caacccgta 1080
tttcttttcc cgaagtcttg agtcatactt taccgtcata tctttgcaaa atttgcttct 1140
ctccaaaatt ccatgcatgg tctgctttgt cctcatgaga tctactggaga aagcatgagt 1200
aaacttcaca ttattcagaa atataccagc agctgctgct tgtttaaatc cagtttctga 1260
aagaggttca tctactcctt gtccctggat tattttctcc ttgttaaatc ttgtttctcc 1320
atgccggaca acagtcagag cgaagcgagc catgttcccg gagccgcgct ccgtcgggtg 1380
ccccgcgcgc cgctgcccct gcactgcggg ctacctcccc cacgaaa 1427

```

```

<210> 7742
<211> 1438
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1225)...(621)  
 <223> similar to gi3288452 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7742

tttttttttt	ttgcaaaaaa	gtcggcggtg	ttttaatcaa	gtcttcattt	acaacggcag	60
aattaggaat	tgagtcccac	cgtagctttc	acattgcgtg	ggcagcagct	gtcacacggg	120
cctgtcgtgg	cactcagccc	atggcacaga	catatgtggc	tcagggcaag	aaccagtgga	180
tggggctctg	cacaggaacg	ctggcctcgg	gatgggagac	ccggcctgcc	caacactgct	240
cagagccctt	cccaactctg	acaacaggct	cgggtcagga	ctccccgaaa	tcaggcacccc	300
tctgtctcca	ctgctgagat	ccccaacggg	ccagacctag	cttgaaaact	ttcttccacc	360
tggctggcca	ggaaggcagc	aaacagagat	gatgactcgg	aatgatgggc	tattcggaaa	420
tggctagggg	aacaactgtt	tccctactgt	cctggcgggg	cccaccctgg	gctaacgggc	480
ttcccaagga	agtcctagt	gctctggggg	cctgaagtcc	ccaaatggga	acctaggctg	540
agagaagcaa	ggctgtgagg	gcatccaaa	ggctgcctca	ggttttgttc	ctgagaacga	600
agcgtggccc	cggaggctca	ggcgtgctca	gtggggccag	ggccaccagc	atgggagtgg	660
gcaggggctg	ccacctgtag	ggggccagca	ctgggctccg	gggacgccag	cagagggggc	720
gagaggccat	cagcagagtc	tgtgtcgagg	tccagcctcc	cgtaagcttc	gcacagaggc	780
aggtcattag	cttcgcaaag	gcttgagctg	gacgagtaat	actcctctc	cagctcgtag	840
aggtcaatgg	agatctcgtc	tcgcagcgtg	atgagcttcc	ggtcgcactc	ctcctgcagt	900
gtgcgcagct	gctgggtgcg	ctgggtcaatg	gcctcgttca	cggaggggaa	gtcattgagg	960
atcaggaact	gcttgaggtc	ggacaccagc	ttcatcaggg	actcgccggc	tcggatgatg	1020
ttggcggtc	gcacatgcat	ctcgtaattg	tcctgttcac	cctgagtggc	ccgtgacacc	1080
tgcgtctcgt	cctcaatctt	ggcggtcttg	atgatctcgg	tgaagttgtc	catgatggac	1140
ttaatgtcgt	ccttcagccg	cttggttgtag	gactgcagca	gcgtctcctt	gctctggggc	1200
agggctctct	gctggggccat	ggccgagcct	caagcagcgc	agcggggaga	ccttggaacc	1260
gccccagcgc	ccgcacacca	gacgcccgct	ccgccgggtc	ggcctagggc	ggggtgggtca	1320
agtgcctctg	cgacccgcac	tttcccgcgt	ctctcccacg	gcctggccct	cccgcgcag	1380
tctctcttcc	ccggccgcgc	cggtccgaaa	acctagtcag	ccgcgcgagc	ctctcccgc	1438

<210> 7743  
 <211> 1667  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1138)...(428)  
 <223> similar to gi5922596 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7743

tttttttttt	ttataaatca	gcaagtattt	attttaaata	ataaaacttg	tggtttatac	60
tcatacatat	ttacaaaaat	gctttgctat	agaaaaatag	aatcaatcac	tgaatccaga	120
ccaccacagt	ggagaacctc	ctggtgaagc	tgtgtttttt	cccacactgg	aaacacagag	180

```

tagccctgtt tctgcacacg ttagtgcacc gctgctacgt gtggccgccc agctgtctgc 240
aggctgtgcc gaccactgcc tctgtctcca ggaagcagag gcagaagtga tccttgctga 300
ggagggccat cgagtctccg cttaaagccc agcacagaga gagcactgca aagtcgcctt 360
ccccaggcac ctgcaccgac atgcagcccc ctggggacca caggtagagc ctgctgcctc 420
ccgtgcagat ggccagccgc ggctgctgcg ggtccactg aaacgcgcgc actggggaca 480
gctgctcgag caccgcgaac agcctcagct tctgaatgtc ccagaccag acggcattgg 540
gaatgttgct gttccttgct gccaggaagt agctgtcagg actaaatgcc agcattccta 600
tgccgatttt cgggtttgct ctgtcggtaa caggtttcag tgtctgtaag gagactggga 660
cagaggcgat ctcatattta ctctctgagc tcgggagagg gccggccccc gcccggggag 720
gcggaagga gaggcagccc agtcccagct gtgggctctt ctgggcctcc ttatacacca 780
ctatcttggg atcattaatg gctgcaggat gcccaaactc cgtgatcatt ttccaagtca 840
cgtgattaag gatgcgcacc tttccatcat agctcccaac tgccaggaac tgactgctgg 900
ggctccaggc cacagacttg atgccaggg accactcgta agcgtgtac gtggacaaca 960
accggccatc caatgagtac agcagaatct tgtactccaa gcagggtgtc cacttgcca 1020
gcacacagcc gtttggggcc cactcaatcc ctgtgagatc ctgggtgtcc gtatcaaaat 1080
gccgcaggag ctgccaatca ctgcagacga agatgctcac gtaatctttg cagtcgcgcc 1140
gttctgccag cgccatgtag cggccgtccc tgggtgaagg gattccctgc agacaagctt 1200
tcgggtatct gatgtaagac acggattttg tgcacaagga ccagacggtt atccgcagat 1260
ggaattccgt ggtgttgaga atgtggcgcc cgtccgggct ccagcacgag gccaccagcc 1320
cggctgagcc ctgctctatt ttgcagtgcc attcgggctg ctctaaagac cagacctgca 1380
ccagccctcg cttgtacatg gcgcacagga tgaagagcga gtctgccgac cactcgatgt 1440
gctggatctg gtctaggcac gtgtacagct gaaggatctg aagggtgttc acatcccgga 1500
ccactaaccg gtactggaca caggaagcca ggtacttgcc gtccggggag aacttgca 1560
gtaagctgga gagcttgaat acctcgga agttcatggc cgcgcctgc cgcgggcgcc 1620
accctgcgcc cgaaaaccg cgggaccctt gggcgcgcac aacagcc 1667

```

<210> 7744

<211> 5835

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5686)...(3346)

<223> similar to gi2224681 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7744

```

tttttttttt ttctaaaaca acaacatagg catttttattt cttttcatta agcttcttag 60
tttcttagta tcacaatgga atgatgagaa aacaacaaaa acgtgagtca ttgcaaatac 120
tctgacaaag agcagagatc tcaaggcaat tggggcgggg gaggcttgac agaagtgcc 180
gagcagttcc aacgtcacat ctctccttg ctggaatggt gagaaagggt gactgtcgt 240
gagctgtcct tggcaaattc tgcccatga gccacgtgcg cctgggtctg catgggccac 300
ccgcgggat tttcctggtg gcctcctagg tacctgggac acacaccct cgcctggtt 360
ccaacgcctt ggggagcacc gtcccagtgc tcagggtggga ccagaagcc agctctgctg 420
ggcagcgggc aagatgtgga ggagcggcag aggcaggcag cgttgcttgc ggtgggagaa 480
gccaggagt gtgaccaagg cccatctggg agacatctgt ggtggaagg agggctggcg 540
cagggtggcag cagcagaagt ccgtgtcccc aggcagtagc aggcctagag cttcacagt 600
ccagggggca ggctgtcgtt gcagagtctg tagtagcgca ggtcgttgac cagcctgtgc 660
acattctggg tgaatgaggg caggtcctgg aaggcagggg catagctgca gccacaaca 720

```

caccagggtca	cccacccacc	agaccccaac	agctacttcc	atcccagagt	gtgcaactgaa	780
gataggggag	cacttttctaa	aactcaaaac	ttctattcac	tgttgcaactg	cgtgtcacag	840
agactctgtg	ccaggcgctg	tgggagaaaa	agaacaagag	gaatacgtcc	ctagggcctc	900
tcgggtgcca	gacactgctg	caatcaacat	acagacatca	actcactgag	tcctcaccac	960
aaggctgcca	ccaagcccta	ccagaaccac	tagtctaagg	acagaaagac	caaagcgctg	1020
caccatgaag	aagctggccc	cagctcacac	tgaagagacc	agcacacttg	ctcctgagtc	1080
cggccctca	aacgcagaca	tggctgtggt	gacagccctc	ttcttcacca	tggcccttg	1140
aggtgacgcg	cacaccgagc	aatgtctgca	gaacctttac	ccacggggct	ccaggccgcc	1200
cctgcccctc	gagagccacc	cgagcagcag	caaacacagt	cccaaggcct	gtcccaactgg	1260
gcgcagcgtg	ggccatggaa	ggccctgggc	cagaagttag	gccctgacct	ccgccatcat	1320
gcacacgggtg	agaccctgct	ttttttttca	gtgtagggtcc	cggtagggac	tcaaacaggc	1380
ccagcaagcc	ccagcagagc	catgagcagg	accaagttca	ttttcctgcc	caaccactat	1440
tcctcttcca	gaactccatt	caaagcctgc	ctcttcccaa	agtctgcaca	gatgcctcct	1500
atttcctggc	cccagcagcc	agctcagcgc	ctctgtcctg	agcaatctgc	ttctggggag	1560
tgtgtgcagg	ctctggggcc	agaacaccca	ggtctgcctc	ctgcttcgca	gctctaccac	1620
ttccaagttc	tgtgaactgc	tcaccttctg	agccccacc	atctgtgaaa	tgggggagta	1680
acaggaccca	cacttcagag	gcttgtaga	aggcttactc	gagccaagac	atgtcacatg	1740
cttggcacta	tgtgggtccac	agaggggtgct	gtattggcct	gtctaccatg	aaagacttgg	1800
tgaaggctgg	gactggtgcc	ccagttcctg	gcccggggct	tgagaagcag	ctggcttcaa	1860
acacacagtg	cgtgactgaa	tgggaagggtg	tgattctttt	attttaccct	caaaaaacca	1920
actaagggat	gtctttttaa	tcagtggctc	ccaaatgcc	aaccagaatt	tcctgggtag	1980
aacacagaag	tctgtttctc	catttttaat	aagtacccca	ggtgcttctg	atataactag	2040
atTTTTTTTT	ttgagacaaa	gtcccactct	gccgccagg	ctggagtgc	gtggcacaac	2100
ctccgctcac	tgcaacctct	gcctcccggg	ttcaagagat	tcttgtgcct	cagcctccca	2160
agcagctggg	attacaggcg	tgtgccacca	cacctgacta	atTTTTTTTa	TTTTtagtag	2220
agacagggtt	tcgccatggt	ggccaggctg	gtctcaaacc	ccctaacctc	aagtgatccg	2280
cccgcccttg	cctcccaaag	tgtgtagatt	acaggtgtga	gacaccgcgc	ctggcctata	2340
actagatttt	gaaaccacag	ctttaaatca	aaaagttgac	tgatattgat	gtcgttagaa	2400
gctgatcatt	aagtattagg	atctggcctc	tagaaaaagg	aaaaaacata	tcaggggct	2460
gaagtgaact	ggaagaggct	taggagagaa	caagtcccaa	gaaaagggaag	accccaagac	2520
aaaggagaac	aggatgagtc	taagcaaaag	cttccctgcc	acacgtggca	aatgaggaaa	2580
gcaggcgggc	aggtttgcac	cagtgcagagc	agtgtgtgca	tctgagcact	acgggtggagc	2640
cgtggacaag	ctgcttcaca	gaggactcag	gtcaagaacc	ccaagaggac	caggggagaaa	2700
gcgattttct	ttcctaattt	catcaagtat	aaaacgggtac	aaggaaaagt	tcccagaagt	2760
tcctatcagg	caagagagag	gcctggctac	ctgacacagg	aagaagagaa	cagggtgagcc	2820
ccatggggaa	ggaggtccca	ggcactgtca	ggctccaaca	agatggcctc	atggacacca	2880
agagccagca	gcacccagct	cccaccgagg	tgctgcacgg	gtggggacag	cccacctgac	2940
agtccctgca	cagggtggcag	cagtgggaca	agaggggtgag	tactaggagg	gctcctccca	3000
ggacctggca	gcaactcagc	ccaagctgag	ctggggctgg	tctggaaaga	gccccagaca	3060
gccggggaac	ctgggtccca	cctctaacc	tggggaccca	gaagtgcagc	tcccagcac	3120
caaccatctc	agcctgaatg	caagcctggg	cacactccaa	tgctggcccc	accggggctc	3180
atcaccagag	agggagaacg	gcagggtcct	gggtatgaac	aaagatgcca	agacaaatgg	3240
aggggctgca	gagccaggaa	ctcgggacct	ccatggctga	gactaagaac	atacgtgcta	3300
cagacaccaa	gactggggaa	aaggctgtgc	ccctcaatca	ggctacagca	ccaggtcagc	3360
aggcatctcg	tgagctgcgc	ccaagctgca	gggtgggcac	agaccacgcc	cagaggcctc	3420
aatgtgcccc	ctccttgctg	cacagggtgcc	aggcttgctg	gcccactctg	ccctcctctt	3480
agcccgccct	ctttctctcc	tcacccgatc	catcttgaaa	ttccgcccc	gcacactttt	3540
ctggttggca	tccacaccat	cacagctggt	caggaaactct	gggaggaagg	cggcaaagaa	3600
gccatcaaag	tcgactgagg	ccatgttgta	gatggcgatg	ccaatctcct	cctgcagaag	3660
atcatgggac	ttgtggacca	ggacctggag	cagcacgttc	acaaactgga	acagcatggc	3720
agtcgggaag	atcttcttgt	ggtacagctt	ctgcttggtg	ttgagagtct	ccaagtagaa	3780
gagattttgt	ttaaaaaggt	ggatgtcggg	ctggagaaaag	gactgtccga	aagcctgcat	3840
gatggcactg	aactggggct	cattctccat	ctgctcctca	gcgatcccc	tctggacact	3900
ggccagcacg	gtggacttga	agaagtacct	ccagttgtga	tggagcgctc	ggaaaaggag	3960
ctcaaacagc	tcggccttca	catcagggga	gggacgctcg	gcaatgatgg	gatacacttg	4020
ctccatgcac	agggcgatga	tgctggggag	gaagggtctg	aacacctggc	ctggctcctg	4080
gaccaccacc	tgcaggatct	tcagaaactt	ctccaccacc	cggcagcctg	tgctgccttc	4140

```

gtggaggatg ctctcggcta actgctctct ggtaaacaatg ttgaggaaag tctgtatgat 4200
ttgctcagtg aaaggcacac ccatctgtac tctaaggcct cgaaacagag tgaggaagaa 4260
gctcagcatc tcatcagtc catctgactg atggataaaa gctggaaaga gggccaggga 4320
gacctgaaca gattcctgca gcgactggta gcaaactctgt cgagacttgg tggactcccc 4380
cgagatattc tccacaatat cttctaagac gctgagtgtc tgggtggataa tcagtttggt 4440
gtcatccagt ggcatctttc tctgtggggc aacagcactg ggcttcagggt tgcgatagtc 4500
ccgggagagt gcagagatga ggctggcgtg gttgatggag cgcacggggc actgctgctc 4560
attctctgga aggtttggcc acggaagcag caagatgtta gagagggtc ggcacaccaa 4620
cacctgggcc ttatcgacaa gtcgcagggc agaggcatca gtgattctgt tgaatacttt 4680
ctgcactgca gggagtctga tcagaaagac gggccgcacg gtggtggcca gtgagaccag 4740
taagtggcac gcagatagca gcagcttgtc ttggaccttg gtgctgatta gaggtgtgat 4800
tgcattccatg ttagtagaga tgagtgtcac gaactgctgc gtgttctgcc ggtgaacttc 4860
actgcaatac tgtgctaacc agtgagagta agcctgcagc gcagccaggg actgagcatg 4920
cacatcaatg aggtcagggt tcaatactga tggcacagca gtttcaatgt tgtacaattt 4980
tatctgagat ccgtacagag tgactttgac caacctttcc acgactgtga gggcatcatt 5040
gaaccgtgca gcaaacacat ccccgataaa gtactcggcc aggcggccca cggcctgcag 5100
cagggagctc aagtctctca gggagcagtg cagccgccgg cagtcgttct ccgccgtgat 5160
gttcaacctg tgtcctgacc ctgaagtgac tataaactgt tgtaatccca aataaacttc 5220
taaattgtcc tgaagaacag ggaacagagt ggagaaggcg tgcgtgggca ggagctccat 5280
cactttggcc accacctcca agctctgccg taagtaccgc tgccactccg tctgctgatc 5340
gtcatccaga gtctcatcat ccaactcctc cagctgggct tggttgtatc tgaactggat 5400
tcgattcaac acctctgtga gcaggagcac cagggcattc tcgtacctgt tgagaactgc 5460
ttccttgtct ccaagacgac ttttaatttt acttgtcaga tagtccaaaa acagcgtcca 5520
gatatccaaa caagagaagt aaccttcatg agtaggctga tgaaatgtgt acttgaacaa 5580
aagtgtcaaa aactccacca cagggaactg ggagtaagac tcgattcttc ttaggtgaac 5640
actcacaag agccgaagaa agtcagtaaa cttctcgata tagctctcat cgagctcttc 5700
tagcctgtc ttcactgtgt gggcattgtt atccttggtg attttctgca ggaggtagaa 5760
agtccctgg aacatacgca gtaaatactc ctcaaattcc ataggcacac agttcttggga 5820
catccacgc gtcgcg 5835

```

<210> 7745  
 <211> 2478  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (198)...(1752)  
 <223> similar to gi35871 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7745
agaagcgtag accgagtagc ttgagcgcct cttccgggtta ccttttccca gtgccagagg 60
cgcttagggg tggggctctc gctcaggcac agagaccgca caccgagcgg cggcttcccc 120
gggatcgagg gacgcgcacg ccagaggaga cgaaaggaac ccgggtcgga ccagatcgga 180
accactgacc attgcccatg gcggccctag gccctagcag ccagaatgtc actgaatacg 240
tcgttcgagt tcctaagaat acaacaaaaa aatataacat catggctttt aatgcagccg 300
acaaagtcaa ctttgctacg tggaatcagg ctcggtgga gcgggacttg agcaacaaga 360
aaatctacca agaggaggag atgccogaat cgggcgcggg cagtgaattc aaccgcaagc 420
ttcggggagga ggctcggagg aagaagtacg gcacgtcctt caaggagttc cggcccggag 480

```

accagccctg	gctgctccgg	gtcaacggca	aatcaggcag	gaagttcaag	ggcatcaaga	540
agggaggcgt	aacagagaac	acgtcctact	acatcttcac	ccagtgcccc	gacggggcct	600
tcgaggcctt	ccccgtgcac	aactggtaca	atttcacacc	gctggccccg	catcgcacgc	660
tcactgccga	ggaggccgag	gaggagtggg	agaggaggaa	caaggtgctg	aaccacttca	720
gcatcatgca	gcagcggcgg	ctcaaggatc	aggaccagga	cgaggatgag	gaggagaagg	780
agaaacgtgg	ccgcaggaa	gcgagcgagc	tgcgcatcca	cgacctggag	gacgacctgg	840
agatgtcgtc	cgatgccagt	gatgccagtg	gtgaggaggg	gggcagagtc	cccaaggcca	900
agaagaaggc	gccgctggcc	aagggcggca	ggaaaaagaa	gaagaagaag	ggttcagacg	960
acgaggcctt	cgaggacagc	gatgatgggg	acttcgaggg	ccaagagggtg	gactacatgt	1020
cagacggctc	cagtagctcc	caagaagagc	ctgagagcaa	ggccaaggcg	ccgcagcagg	1080
aggaggggcc	caagggtgtc	gatgagcaga	gcgacagtag	tgaggagagt	gaggaggaga	1140
agccgcctga	ggaggacaag	gaggaggagg	aggagaagaa	ggcaccacc	ccgcaggaga	1200
agaagcgcag	gaaagacagc	agcgaggagt	cggacagctc	agaggagagc	gacattgaca	1260
gcgaggcctc	ctcagccctc	ttcattggcg	agaagaagac	gccacccaag	agagagcgga	1320
agccgtcggg	agggagctca	aggggcaaca	gccgcccagg	cagccccagg	gcagaggggtg	1380
gcgacacctc	ctccaccctg	cgggcggctg	ccagcaaaat	cgagcaaggg	aagcgggtga	1440
gcgagatgcc	tgcagccaag	cggttgcggc	tggacacggg	accccagagc	ctgtctggga	1500
agtcgacacc	ccagccacca	tcaggcaaga	caacacccaa	cagcggcgac	gtgcagggtga	1560
ctgagggatgc	cgtgcgccgc	tacctgacac	ggaagcccat	gaccactaag	gacctgctga	1620
aaaagtcca	gaccaagaag	acagggctga	gcagcgagca	gacagtgaac	gtgttggtccc	1680
agatcctcaa	gcgactcaac	cccgagcgca	agatgatcaa	cgacaaaatg	cacttctccc	1740
tcaaggagtg	aggcttggtc	caatacatgg	ctctgcccc	cagaacttaa	ggctctcact	1800
gccccttcgc	catcttagag	tgaggctctg	tccaatacat	ggctctgccc	tccagaactt	1860
caggctctca	gtgacccttc	gacatcctgc	ttgctccctg	actcccaggg	ccccgtagtt	1920
agcaattctg	gaaaagttaa	gccatctcct	cctctggccc	ttccttctgg	aatcttcaga	1980
tgctgttag	gccttcttat	tgtcctcctc	ctcctggtct	ggcctccctc	acactgacca	2040
agggcctgtg	ctgcccactg	ggtaacttct	acagttctct	cttccacttc	cctaagtctc	2100
tcttcagctg	tgacttatcc	accacatagc	ccagtaagtc	ttcagttttg	gctgggcatg	2160
atggtgagcg	cctgcagtc	cagctacttg	ggaggctaag	cccagttcaa	ggctgcagtg	2220
aactatgatg	gtgcccactg	attccagcct	gggtgacaga	atgaaatcct	ggcacaaaaa	2280
aaaaaaaaag	taccaggct	tcgggggggg	aaccttggtg	ccccactttt	cccgtaggct	2340
gaggcacaaa	attcacttga	ccttggaagg	ggggggttgc	tgtgagctga	caccacccca	2400
ctgcactcca	gcctggggga	cacgtgagac	tttgtctcat	taattaaana	ataataataa	2460
attgctcaga	aaaaaaaa					2478

<211> 1886

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (78) \dots (1835)$$

```
<223> similar to gi3387942 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 7746

cacgaggccg	caagctgagt	cctttccgct	cctttgccag	caccgagctc	tccacttcc	60
atgttcctga	ggacacattc	ctggctgttt	ggaacctcat	catcttcaag	gagcaagggg	120
gaacttttgg	ggaccactgc	ccagaccaa	gtgtgactgt	gtatttccgg	tccggggcac	180



```

cccctgtcat caatcccctg catacacact tcccagggga cacagctgtg cctgggggttt 240
tctcactgac cctcagctgg aactgcccc accgcacctc aggcattctt aacgtcagca 300
gccccttacc tggggactgg ttcttggtctg cccaccttcc ccaggccac gccacatct 360
ctgtcaagggt tctccaggat gagtgtcagt acctccttca gccgcagctg attgtccggc 420
gtttgctgga cgtcgtctgtg ctgggttcctg gccggccctc agagcaaacc ctctccccac 480
acaatcgctc agccctgtac aaggtctttg tgcccagctt cacttacagg gtttcagcac 540
agctggtgtg tgtggggggc cgtgggggtat ctgcctgccc cctgtcactg cgtctgcgtc 600
ccaaagcccc acccctgcac aactcaagct ctgtggcctg tggaggtgcc tcaggatgcc 660
agctggagct ggcactgccc ccctgggggc actgggtcta cgtgcgtgtg gaaacatcat 720
cccggggccc tggtaggacc atccgcttcc agctgtgtgt gcagttgcaa gactgcccac 780
agcccggcct gctccgagcc ctgggtccctg gagctgccat gaacatgccc cagtccctgg 840
gcaaccagcc actgccccca gaaccgccat cccttggaac ccctgcggag gggcctggga 900
ccacgtcccc acccgagcac tgctggccag tgccgccgac tctgcgcaac gagctggaca 960
ccttctctgt cacttctac atcttctttg gcccagtggt ggcccttccc cctgagcgcc 1020
cagccgtgtt cgccatgagg ctggtgccag tgctggacag tggaggcgtc ctcagcctgg 1080
agctccagct caatgcgagc tccgtgcgcc aggaaaacgt gacggtgttt ggatgcttga 1140
ctcacgaggt gcccttgagc ctgggggatg cagcagtgac ctgttccaaa gactccctgg 1200
ccggcttccct cctctctgtc agtgccacca ccagggttgc caggctgcga atccattcc 1260
cgcagacggg gacctggttc ctggccctcc gctccctgtg cggggtgggg cctcggttcg 1320
tgcggtgccg caacgcgacg gccgaggtgc ggatgcgcac ctccctgtcc ccatgcgtgg 1380
acgactgcgg gccctacggc cagtgcgaagc tgctgcgcac acacaattat ctgtacgcag 1440
cctgcgagtg caaggccggg tggagaggct ggggctgcac cgacagtgca gatgcgctca 1500
cctatggatt ccagctgctg tccacactcc tgctctgcct gagcaacctc atgtttctgc 1560
cacctgtggt cctggccatt cggagtcgat atgtgctgga agctgcagtc tacaccttca 1620
ccatgttctt ctccacggtg tgcggtggtg tctgcatctt atcactgggt gcttgtgcat 1680
ggtggtgggt cacagtctgt atttccacca cgttctccga ggggttggga atgtctgtgc 1740
cttcactgtg tcttctacag acagagacag cagtgcctcc caaactgtca tgcatagata 1800
atggtcattt ttgtaagaca cattggagta aatgaacaaa actgtttgca acttaataaa 1860
gtaagtttgg gcctccaaaa aaaaaa

```

<210> 7747  
 <211> 901  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (828)...(470)  
 <223> similar to gi2706620 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7747
tttttttttt ttctttacaa agataatctt tattcataat cacaggccac aggggtgaga 60
cctgaggttt gggttctgtg gtgaaggaga acccctgtcc tcctgtccct tgccctgggc 120
ctctgctggc tgaggaggga caaggtgagg gggcccccac ggtgctcaga caaccagagc 180
ctccctggca gggcaggagt gtgggtgcc aagagacaag ccccttgag agctgacctg 240
gagccacca tccccatagc ctgtgtgagc atgaagcgag gacccccggg tgggctgtgc 300
cctgggcttg tactgatgc cagtggaggc tggcacctgc ccctctcggc acctgagaca 360
gtgagggaag gtagctgctg ccgtgaagaa caaagatgct ctgagcacac acttgctggg 420
gctgagctga ggggcacacg gaggcaggcc ctgcccgctg tctggtcagc tgtccctgcc 480

```

```

gccgctactt ttctggtctg gggctgtagc cttggtcagg ttcccagctt ccctcttgag 540
aacgctgagc aaagtctggg agctctccag gatcttgagg taggcggcct ccgtctccgc 600
gatggtccgg tcgaactcgt tgcgagaggc aatcttgctg gccaggttct cgttgacgcg 660
ggccagcttc tctgtcagct gcctcacctc attctgcagc cgctgcttct cgtcctctc 720
ctcctggatc tgccggcaca gtcctccccg cttctggcac agctcctcta tgcacttgac 780
cagctcggtg ttgtagttct gcagcgccgc gccctgctgg gtcatggtca acgcccggcg 840
gggccccacc accccaaccg ccgcggaagc agcgtgtcc gcgcctgcgc acgactcccc 900
c 901

```

```

<210> 7748
<211> 1340
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (8)...(1063)
<223> similar to gi5911911 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7748
ctttgaagaa gatgaagaca ggaacttggt tctaatagca tatccattga aaggggacca 60
tggaattgtg gacattgtag ataattcaga ctgtgaacca aaaagtaagc tcctaagggtg 120
gacaacaaac aaaaaacatc atgtcttaga aacagaaaag acccctaagg actgggtgcg 180
tcagcaccgt aaagaggaga aaatgaagag ccataagtta gaagaagaat ttgagtggct 240
aaagaaatct gaagtcttgt actacactgt agagaagaag gggaatataa gttcccagct 300
taaacactat aacccttgga gcatgaaatg tcaccagcaa cagttacaga gaatgaagga 360
gaatgcaaag catcggaacc agtacaaatt tatcttactg gaaaacctga cttcccgcga 420
tgagggtgct tgtgtccttg acctcaagat gggcacacga caacatggtg atgatgcttc 480
agaggagaag gcagccaacc agatccgaaa atgtcagcag agcacatctg cagtcattgg 540
tgtgctgtgt tgtggcatgc aggtgtacca agcaggcagt gggcagctca tgttcatgaa 600
caagtacatc ggacggaagc tatcgggtgca gggcttcaag gaggcacttt tccagttctt 660
ccacaatggg cggtagctgc gccgtgaact cctgggcccct gtgctcaaga agctgactga 720
gtcgaaggca gtgttgagc gacaggagtc ctaccgcttc tactcaagct ccctgctggt 780
catttatgat ggcaaggagc ggcccgaagt ggtcctggac tcagatgctg aggatttga 840
ggacctgtca gaggaatcag ctgatgagtc tgctggtgcc tatgcctaca aacctatcgg 900
cgccagctct gtagatgtgc gcatgatcga ctttgcacac accacctgca ggctgtatgg 960
cgaggacacc gtggtgcatg agggccagga tgctggtat atcttcgggc tccagagcct 1020
gatagacatt gtcacagaga taagtgagga gagtggggag tgagcttgct agctgctcca 1080
gtacttgaga gcgactctgt gtcccaggca cagctgtgct gcgtcaggga ggaagccagt 1140
atggccagggt ggtggctcct gcagcctgga gctgatgtgc agtggcctct gtgagcccca 1200
gcctgagcca gtcccagctg tgcttgaggt ctttatttat tttaactatt ttcttcaaac 1260
attccacatt tggatggatg atacctcttt cttccctgag tgtatatgtt ctaatacaaa 1320
tctttttgtt tattgtaaaa 1340

```

```

<210> 7749

```

```

<211> 3203
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2869)...(1061)
<223> similar to gi297408 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7749

```

tttttttttt ttcaattttt tttggaaggg caagacagcc attaaagaac aatacagctc      60
agagggaagg gagatacagc aaacaattac acaaacgcag tatgcacgct ccttgccgac      120
agggtgccc agtatgcacg ctctttgccg acagggtctg ccagacggca aacctcttca      180
tggacatcat gttaaaataa aaggacttgg cctgcattcc ccagggagac cccctattcc      240
actgtagaca gctctcctca cgaatttttt gaaagaaccc aaggactccc ctttctggta      300
gtcgaaacct gtgcattcct tgggtgacct cgagagagaga acatgggccc gcagtgggga      360
cagagggcac cgggactctg ctgggtgtag tgcttcacat tcagaaccgc ctggatgctt      420
tgcatagtta cctctgatat cacaagatgc gtcaggaaga gaaacgcacac gcacaccatg      480
agggaggcag ccctcaagca gcggattcct ttcaaagaaa gacccagggg cttctcccct      540
cctcattcag agctgacagc tatgagcttt aacccggttc aaagtggag acaaagtgag      600
agatatctca taaaaatttc ggccagaaca aaaaaaaaaa gtaaaattaa ttttccctaa      660
agacaactag aaagaaaagg gtccccccaa cccacctttt tttttttttt acttgaaatc      720
tgccagccag acaggatttc tgagggttaat ctgcttctgt taatcctcaa ttttaagcctt      780
tatcattttt ctctgactag agacatccat gaaaagccac ctgttattca caggggctgc      840
gcttcaggaa accaaccaaa tgcagaagca gagaacttaa atattgtaaa taagttaact      900
gggcatgaaa atacaatgcc ttggtgttca ggtggtgaca actgctcttt aagaggggac      960
aagaaattgg ggggtagggg acacatggga aaaaaccaca catttttttg tcatgagaaa     1020
ttggacttta aatccgcgcc ctgcacacgc aattcattta gaccttttcg tgaatcttct     1080
ccactttcac aaacaacctt tccagatcat tcctcaggtc atctagtaaa cccttggtcg     1140
attccagatt gttctcgttg gtttctattt tgaccgagta tgcaaccaa ctgtccacag     1200
cagtcctgag cattttcaag tccgcctcca cttggctgac tgaggctttc aggttgctta     1260
gagaagaaag tctgtccagg aagtcctgag gaggcagacg ggcggcctgg gcttggtcct     1320
gactgagcag cgtgtgcacc tgctcctgca ccttctggag tgattccacg gtgctgggga     1380
gctcgcccac actcctcttc agctcctcca cgtcaccgta gagcaccagc tgggtctcgc     1440
ccaggctcct caccgtgctg gccaggccat cctggtctgc ctctgaggac ccgaggcctt     1500
ccaggcgccc ctgcaggcg gccaggcgct gctcgtgctc ctggctcttg gacaggaggg     1560
actccaggct ctcggtctgg cgcgcagaag ccacctgcat ggagagcacc ccattcctca     1620
cgtgctggag cctggagtc agtccctgac tcttttctg gagtgctca aaggcttccg     1680
agtgtctgaa gcctccgtcc tccttcggcc cgtgggaatc ggacttcagc tggcggagct     1740
cttccctccag tctccggatc tcctccggga ggcgggagac ggactcctca gacctgagaa     1800
gcttctccgt gagggcctgc agggcgagcc gctccgtgtc ggccgcctcc ttgaaagcct     1860
gctgctcctg cttgaggctc accagctcgc ggacctcggt gtagatgtca gactccatag     1920
tctgaagggt acttctcagg gcctccatgt cccactctct ggacttggct gaggtctgta     1980
tctccttcac agcttccctt aaggctttca aatcctgctt gttccctca gattcttcca     2040
gggaggcaac ctttgccctc atgtcattga tctcctctct gctcctcttc tggacttctg     2100
tgaagatggc gatgttgctg ttgatggatt tggtagctc cgtcagccgc tcctccaccg     2160
tgttctccag ggacgtgaag tcccgctccc gggcgctcct caccacatgg atcccatccg     2220
agaggtcttt gagaatctca ttctggagtt tctgcagcac ttcgctgatc cggctgacct     2280
cactctcccc ttgcttcaca gctttctctg tgaggctctt tttatgttgg gagcttctca     2340
agatggactc aaaagttcca aatgtggctt gcaaagactg caccttctgc tcgacgccct     2400
gcaagccctg gccagctcc tcctctgccc gggagaagtc ctggtggctg cgccggacct     2460
gctggacctc ctccaggacg tggtagacgc accagcccga gaaagcggcc gccgccacca     2520
gggcgaggta gaagagaaa ttgagcgccc tgccgagcct gcgcgagcag gacgccgagg     2580

```

```

acgaggcggc ggcggcgcca gcggcggcgg aggcggagga ggaggaggag gacttgccgc 2640
cgccgcgcgc gccgcgcgcg tggccgccct tgccgtgcgc ctggttctgc ggggtgctgct 2700
gcgggtgctg ctgcgggtgc ggcgcgggcg gcggcgcgcg ctgctgcggc gccggcggcg 2760
gcttcttcgc cactcatcc gcgcgcgcgc acgggtgggc acccttctcc gaggggctcg 2820
cgcgccgctg gccgcccttg gagccctttt gtttgccga gggcatggcg ggcgcggcgg 2880
cggtcgcggc cgcgggctgg gaggcgagcg agcgcgcgcg gcggcccggg aaacttgca 2940
gggtccccc gggactgggc gagcggcacg cgggcgctgc tggcgtcgga gcggcgagag 3000
gacgcgcggc cgacgggtgg gcacccttct ccgaggggct cgcgcgcgcg tggccgccct 3060
tggagccctt ttgtttggcc gagggcatgg cgggcgcggc ggcggtcgg gccgcgggct 3120
gggatccatg tggtaagga cggcgggag cgggacttca cgtccctgga gaacacgggtg 3180
gaggagcggc tgacggagct cac 3203

```

<210> 7750

<211> 3138

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (912)...(1905)

<223> similar to gi2565048 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7750

```

ggcgccgcgg ctcccgagct cctcgggctc tgggtcccg cgccctccg gccgcgagtc 60
ccacgcgcca ccccgggcg ccctcgacgg tggatctagc ggcgcgagg aggcgggtcc 120
cgcccccggc gaacccagct cccggcccc ggccccgggc ccagcttcgg catggatgtg 180
aggttctacc ccgcgggcgc cggggaccct gccagcctgg acttcgcgca gtgcctgggg 240
tactacggtt acagcaagtt tggaaataat aataactata tgaatatggc tgaggcgaac 300
aatgcgttct tcgtgcccag tgagcagaca ttccacacac caagccttg ggcgaggaa 360
ttcgaaattc caccaatcac gcctcctcca gagtcagacc ctgccctagg catgccgat 420
gtactgctac ctttcaagc cctcagcgat ccattgcctt cccagggaag tgaattcaca 480
ccccagtttc cccctcaaag cctggacctc cttccatta caatctcaag aaatctcgtg 540
gaacaagatg gcgtgcttca tagcagtggg ttgcatatgg atcagagcca cacacaagtg 600
tcccagtacc ggcaggatcc ctccctgatc atgcggtcca tcgtccacat gacctgatgc 660
tgcgcgttct ggggtcatgc ctctgcccc gctcaccacc atcaaccagt ctgagctcag 720
cgcccagttg ggggtgaatt tgggaggtgc cagtatgcct cacacatctc cttcacctcc 780
agcaagcaaa tcagccactc cctccccctt ccagctccat caatgaagag gatgctgatg 840
aagccaacag agccattgga gagaaaagag ctgctccaga ctctggcaag aagccaaga 900
ctccaaagac aaagcaacag aaagatccca atgagccaca gaagccagtg tcagcatatg 960
ccctgttttt cagagacaca caggctgcaa ttaaaggcca aaacccaat gcaacctttg 1020
gagaggtctc acaaattgta gcatctatgt gggacagcct tggagaagaa caaaagcagg 1080
tatataaaag gaaaacagaa gctgcaaaa agaatacct gaaggccctg gcagcataca 1140
gagccagcct cgtttctaag gctgctgctg agtcagcaga agcccagacc atccgttctg 1200
ttcagcagac cctggcgctg accaatctaa catcctctct ctttctcaac actccactgt 1260
ctcaacatgg aacagtgtca gcatcacctc agactctcca gcaatccctc cctaggtcaa 1320
tcgtcccaa acccttaacc atgagactcc ccatgaacca gattgtcaca tcagtcacca 1380
ttgcagccaa catgccctcg aacattgggg ctccactgat aagctccatg ggaacgacca 1440
tggttggctc agcacctcc acccaagtga gtccctcggt gcaaaccag cagcatcaga 1500
tgcaattgca gcagcagcag cagcagcaac aacaacagat gcaacagatg cagcagcagc 1560

```

```

aactccagca gcaccaaagt catcagcaaa tccagcagca gatgcagcag cagcatttcc 1620
agcaccacat gcagcagcac ctgcagcagc agcagcagca tctccagcag caaattaatc 1680
aacagcagct gcagcagcag ctgcagcagc gcctccagct gcagcagctg caacacatgc 1740
agcaccagtc tcagccttct cctcggcagc actccccgtg cgctctcagc ataacatccc 1800
ccatccctgc catcgggagc cccagccag cctctcagca gcaccagtcg caaatacagt 1860
ctcagacaca gactcaagta ttatcgcagg tcagtatttt ctgaagacgc atatggcaga 1920
cggattttgcg tataccaagg agagtggcat aggagggaaa agcatatgtg gctgaaacct 1980
gtaagtgtgt gttggttatg cagaaatgtg taacagatca aacggtcctc tcaagtgtct 2040
attagatagg caataagaac tgcagtgtag ctgagtaaca tcttttagct gactataaat 2100
cactttgttt ttaaacaaga aaagctgtgc tcttttatgt gatgcctttt ttatttatcc 2160
aggctatacc tacaatatgt gaatcaaact gtttaatgaa tcctgggaca tactgatgac 2220
tataaactgg cctctctgag tcatagaaaa atggccttat ttctccagaa gtgagtaaac 2280
cacacttcca ggctatctga actcctgaag ccctaaaaat aaaaagcaca gttgtaacta 2340
cctgaaatat gaagatccag ttccatacaa acattttgta tgacgtgaat agttgatggc 2400
atTTTTTgt catgaaaaaa ataatgtaaa tcacaggact ttgcccagg ctcttatttt 2460
ttttcctaaa tctctccaga aaaaaaaatg caagtgacta aattcaatta ttgactaatt 2520
tccacttttt atccatgact tctccaaatc aaaccacagt atatgttgta acaaatatct 2580
atgaccactg ttagcccatt atattcattc caattagaag aaaagaaatg tgaatactat 2640
attccgtgtt ttgagtgaac agtttcgaaa aataaaaaa ctgtattttt aaaagggaaa 2700
tgcaactaaa tgaaaacagt tattacaaa agttaaggat ttaaaaagga aaagcaagga 2760
gtttttatta tggatgtaat accagtagaa tatttaaaag gcacaccaca tctgaataat 2820
caatgtaaat attttctttc aaagtgtgaa gttttcatat catgtgctgt aaagttttcc 2880
taaatgaggc tttaacgtaa aacactggtg acataaacca ttcattgcta cgttgcttat 2940
tgtgttttta tgctgtttta tactttttta tgagttatga tagcagcaat taagtgtttt 3000
gtattttgct taactaaaac aaaaatgctt ttatcttgct atagaataaa cacatttcag 3060
taaaaactgt ggactgtatt ttgatgcaac aacaaagaaa ctgttcactt ttcaaataaa 3120
atgatatgtc agaaaaaa 3138

```

<210> 7751

<211> 2629

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (134)...(2631)

<223> similar to gi3540161 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7751

```

tttcgtggaa gccataaaaa ttgggccttg agagacagtt tgaggtaagg cgttgatat 60
attgcagata gctctgaggt ttttgagtg taccatgctg tcttcctggc aaggaggccc 120
aagaccgagg caactactgc tctggcttct gatcctcgca gcctgggaga cgggtagtgg 180
ccagctccac tactccgtcc ccgaggaagc aaaacacggc accttcgtgg gccacatcgc 240
tcaggacctg gggctggagc tggcggagct ggtgcagcgc ctgttcggg tggcgtccaa 300
aagacacggg gaccttctg aggtaaatct gcagaatggc attttgttt tgaattctcg 360
gattgaccgc gaggagctgt gcgggcggag cgtggagtg agcatccacc tggaggtgat 420
cgtggacagg ccgtgcagg ttttccatgt ggacgtggaa gtgaaggaca ttaacgacaa 480
cccggccagg ttctccgtaa cagaacaaaa gctctcaata cctgaatcca gactgcttga 540
ctctcgattt ccactagaag gcgcatctga tgcgatgtt ggagagaacg cattgcttac 600

```

ttacaaactc	agtccaaatg	agtattttgt	tcttgatatt	ataaacaata	aagacaaaga	660
caaattccca	gtgcttggtc	tgcggaagct	gctggatcgt	gaagaaaatc	ctcagctaaa	720
gttggtgttg	acagcaactg	atggaggcaa	acctgaattt	accggatctg	tttctctgct	780
gatcctgggtg	ttagatgccca	atgataacgc	ccctatcttt	gacagaccgg	tttatgaagt	840
taagatgtat	gaaaatcaag	tgaaccaaac	attagtaata	cggctcaacg	cttctgattc	900
ggatgaagga	ataaacaagg	aaatgatgta	ttcatttagc	tctttgggtcc	caccacacgat	960
aagaaggaaa	ttttggataa	acgaaaggac	gggagaaata	aaagtaaata	atgctattga	1020
ctttgaggac	agtaacactt	atgaaattca	tgtagatggt	acagataagg	gaaacccacc	1080
tatggttggt	cactgcacgg	tcttagtgga	actactggat	gaaaatgata	attcacctga	1140
ggtgattgtc	acttctctgt	ctctcccagt	gaaagaagat	gctcaagtgg	gcaccgtcat	1200
tgccctaatac	agcgtttctg	accatgattc	aggagccaac	ggacaggtca	cctgctctct	1260
gacgcctcac	gttccgttca	agctgggtgc	cacctacaag	aattactact	cattgggtgct	1320
ggacagcgct	ctggaccgcg	agaggggtgc	ggcctatgag	ctggtggtga	ccgcgcggga	1380
cgggggctcg	cctccgctgt	gggccacggc	cagcgtgtct	gtggaggtgg	ccgacgtgaa	1440
cgacaacgcg	cctgcgttcg	cgcagtcoga	gtacacggtg	ttcgtgaagg	agaacaaccc	1500
gccaggctgc	cacatcttca	cgggtgtctgc	gtgggacgcg	gacgcgcagg	agaacgccct	1560
ggtgtcctac	tctctgggtg	agcggcggtt	ggcgagcgcg	tcgctgtcga	gctacgtgtc	1620
ggtgcacgcg	gagagcgcca	aggtgtacgc	gctgcagccg	ctggaccacg	aggagctgga	1680
gctgctacag	ttccagggtga	gcgcgcgcga	tgggggcgtg	ccgcctctgg	gcagcaactt	1740
gacgctgcag	gtgttcgtgc	tggacgagaa	cgacaacgct	cccgcgctgc	tggcgtctcc	1800
cgctggcagc	gcgggcgggtg	cagtcagtga	gctgggtgctg	cggtcgggtg	ttgcgggtca	1860
cgtgggtggct	aaggtgcgcg	cagtggacgc	tgactctgga	tacaacgcgt	ggctgtcgta	1920
tgaattgcag	tcggcgcgcg	ttggtgcacg	catcccgttt	cgctgggggc	tgtacacggg	1980
cgagatcagt	acgacgcgcg	ctctggatga	gactgactcg	ccacgccagc	gcctactggt	2040
gctgggtgaag	gaccatggcg	agccgtcgct	gacggccacg	gccactgtgc	ttgtgtcgct	2100
tgtggagggc	agccaggcac	ccaaggcctc	gtcgcgggct	tcagtgggcg	tggcgcccga	2160
ggtggccctg	gtggatgtca	acgtgtacct	gatcatcgcc	atctgcgcgg	tgtccagctt	2220
gctgggtgctc	acgtgctgtc	tgtacactgc	actgaggtgc	tcggcgggcg	ccaccgaggg	2280
cgcatgtggg	ccggtgaagc	ccacgctggt	gtgctctagc	gcggtgggga	gctgggtctta	2340
ctcgcagcag	aggcggcaga	gggtgtgttc	tggggagggc	ctgcccgaag	cggacctcat	2400
ggccttcagc	cccagccttc	caccatgccc	aatggtagat	gtggacgggg	aagatcagtc	2460
tattggaggg	gaccactcta	ggaagggtgg	ttattacgtt	ttcattttcc	ttttgtgctt	2520
tatgaataat	atcttctctt	accgcatttt	ctcaaataat	tatcagaata	tttcattttt	2580
gtctacattc	catttatgct	tgaatatattc	tagtgatacc	tttgtaata		2629

<210> 7752

<211> 2265

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (187)...(934)

<223> similar to gi2633977 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7752

aagcccgcag	tgccggaggc	ccgcagcgcc	ggaacctcag	aggcgggtcg	cagcggcgca	60
gaggaggtea	gctgcgggag	cgtttccggg	gacggtgccg	ccatgagatt	gacccgcgc	120
gcgctgtgca	gcgcgcgcca	ggccgcctgg	cgggagaact	tccccctgtg	cggtcgcgac	180

gtggcgcgct	ggttcccggg	ccacatggcc	aaggggctga	agaagatgca	gagcagcctg	240
aagctgggtg	actgtatcat	cgaggtccac	gatgcccgga	tcccactttc	aggccgcaac	300
cctctgtttc	aggaaaccct	tgggcttaag	cctcacttgc	tggtcctcaa	caagatggac	360
ttggcggatc	ttacagagca	gcagaaaatt	atgcaacact	tagaaggaga	aggcctaaaa	420
aatgtcattt	ttaccaactg	tgtaaaggat	gaaaatgtca	agcagatcat	cccgatggtc	480
actgaactga	ttgggagaag	ccaccgctac	caccgaaaag	agaacctgga	gtactgtatc	540
atggtcattg	gggtcccca	cgtgggcaag	tcctccctca	tcaactccct	ccggaggcag	600
cacctcagga	aagggaagc	caccaggggtg	ggtggcgagc	ctgggatcac	cagagctgtg	660
atgtccaaaa	ttcaggtctc	tgagcggccc	ctgatgttcc	tggttgacac	tcctggcggtg	720
ctggctcctc	ggattgaaag	tgtggagaca	ggcctgaagc	tgccctgtg	tggaacgggtg	780
ctggaccacc	tggtcgggga	ggagaccatg	gctgactacc	tgctgtacac	cctcaacaaa	840
caccagcgct	ttgggtacgt	gcagcactac	ggcctgggca	gtgcctgtga	caacgtagag	900
cgcgtgctga	agagtgtggc	tgtgaagctg	gggaagacgc	agaaggtgaa	ggtgctcacg	960
ggcacgggta	acgtgaacgt	tattcagcct	aactatcctg	cggcagcccg	tgacttcctg	1020
cagactttcc	gccgtgggct	gctgggttcc	gtgatgtctg	acctcgacgt	cctgcggggc	1080
cacccccgcg	tgtgagactt	tgccctgaac	ttgtccgggt	agggagggcc	ggaggcatgt	1140
ggcctcccag	acctcctgac	ctgggtgggt	gaggtccaag	acagctcacc	cggctccagaa	1200
gctccatgct	ggtcactagg	gtgctgtgct	ctctggcgcc	ccacagcctg	gccagctcca	1260
gggaccccag	ttgcagggcc	caagcagggtg	ggagtggaca	ccaggcttcc	cagtggacgt	1320
ccctgagcag	ctccgcatgc	ttggttctcc	cggagcttcc	tgctcaggcc	tcttgagaaa	1380
tggatgctgt	ctcagaagga	gttaaagcta	taacctgtaa	cctttaaaat	ctccagttaa	1440
agggcctgtt	tcttactggc	ctgtgagggtg	caccgtagtg	ccttgggcct	gtgtgtttaa	1500
gctgctctca	ccagtggaac	ctaagaaatg	agcaggttgg	cagctagggg	ttgtgttgga	1560
ggctttcggg	ccagtgtctt	gcagtcctac	aacaagtggg	aggcttggct	ccatcagaga	1620
ggtttatatt	acacttacag	gcacacacag	acacagacca	gagactccca	gcagcagagc	1680
ccaagcactg	gcttcgcccc	tcagtgccct	ggggcatgtt	cagggcaggg	ttgaggggga	1740
cgccctgcac	atggcttttg	tgtgcaatga	ctggaaggcc	gcccggcag	ggcagtagag	1800
acccctggcc	tctgagcacc	ttctagctca	cgggtagtgg	gattctgcat	tagtggggct	1860
gagagatgtg	ggggccccct	cagccccatt	atagtgcacc	tgaaggggtc	cacagcctgt	1920
gtcctagaag	agggaagagg	aagggaagggtg	ggtggggctg	gtagtatgga	ctaagggtgct	1980
gcaggacctg	gggccaggga	catcctgtgc	agaagctccg	gctgcctctt	tgcggtgggtg	2040
gcctgaccgt	cccacagcag	cctccaccag	ggccctgggtg	ctcagtggcc	cctctttgct	2100
ggctggctgc	ctctgctgcc	ccatacccca	cacactcatc	agcctgaagt	tagccccctga	2160
gtgccacctg	catcgtgcca	taacctgac	cgctggggc	aggaagtatt	taagttggct	2220
gggtcagatg	ctaattgtgt	gaatcaacag	tcattgcaga	tcacg		2265

<210> 7753  
 <211> 7153  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (55)...(4946)  
 <223> similar to gi3327042 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7753		
gccagcagtg	ctgttggaac	tgctctgcca aaatttgcca tccgagggat gctgaaaacc 60
tttgggcttc	atggagtcgt	cttagatggt gattcagtg atgaactggg gcaggtagaa 120

acgtacctcc	gcagtgaagg	tgtgctgggt	cgatactggt	atcctattga	catggttgaa	180
aggcccccag	caggctaccg	aaggactgcc	accaatgggc	tggtcacact	ggacaatacc	240
aaccttcaaa	ttcacaggga	gctgctgcgc	tgcgaggctg	cgctggccag	gctgtactgc	300
cgcatggccc	tgtcaatat	cttcgccccg	aagttgcctc	acttgttcac	tcgcctcttc	360
cacatccctg	ccatccggga	cattaccctg	gagcacctgc	aactgctgtc	caatcagctc	420
ctcgacctc	ctctcccaga	cggcaccatc	agctccagct	cgatcctcct	ggcgagctct	480
ttacagcatt	gcattccattc	ccagaactgc	tccgccacgg	acctctttta	ccagggcaac	540
tcccagacag	tgagagagtg	gctcaacgtg	gccatcacc	ggaccctgca	ccagggcgag	600
gagagccttt	tagagctgac	gaaacagatc	tgctctttcc	tgagacagc	accagagcag	660
ttccccctccg	aagagttccc	aatttccgaa	tccaaagtca	acatggacgt	gaatttcccc	720
ggggcagctt	ttgttggtgt	gtcttgtaaa	gaaagtcaat	ctggattccg	caaagactcc	780
tctctgtaca	aggcaccgtg	ggcacgggtg	ctcgtatatg	gcctcgcca	caaagtgaag	840
cgaaatggcc	agctgaacct	catcgaggcc	gcctgttacc	cgcgggacgc	gtccccagcc	900
aacactgggc	ttgcacctcc	ccccaccgct	gaccagtacc	cctctgtggt	cctctccaca	960
gacagggtcc	acatcaaact	gggggtgtct	ccacctcctg	gagcagtcct	ggtgttacat	1020
tccctgcccc	tggagtcccc	actggctatg	gccttcgcag	agcagctgct	gtcctggaaa	1080
tcagaggaca	gtgaaggga	gtccgaagat	gagcctgaca	ccattccgac	atccgtcctc	1140
ctgcagggtg	tggagctgct	aggaaacttc	ttgtggacca	cggacatggc	agcctgcgtg	1200
aaggagcttt	ttttccatct	cctggcagag	ctcctgcgca	cgggtgcacac	cctggagcag	1260
aggcggcacc	ccgctggcct	gtcctcctca	atcgccctcc	agctgaacct	ctgcctggcc	1320
atgctgatgg	ccttgcatgc	ggagctccac	aagctgtacg	acgaggagac	gcagaactgg	1380
gtctcaggcg	gcgcctgcgg	gggctccggg	ggggcgggcg	ccggtgacca	gggcaggttc	1440
tctacgtatt	ttcatgcact	catggaagg	tgcttggtg	tgccgaagt	gacctgcct	1500
actaacatga	gtgtcacagc	cagtggggtg	acctcagcga	ccgccccaaa	tctcagtgc	1560
tcgtcctcct	cctcctcgtc	ctccccagga	cagacccccac	agagtccag	cctcctctcc	1620
aagaggaaaa	aagtcaagat	gaagcgggaa	aaggcctcct	cgtcgggcaa	gcgccagctc	1680
tcccgacccg	tggactcgga	ccccaccgtg	ctcagcatcg	gaggcagcaa	gcccaggagc	1740
atgctgtggt	tccaccgcgc	actcacctg	ctcatcatcc	tccgccacct	caccaggaag	1800
gacccacagg	ggctgggcgt	gacgagtgc	gccatcgccg	atgcctgcc	ggccctggtg	1860
ggccccaccg	cccacagccg	cttgctgggt	atctccggga	tccccaccca	cctggacgag	1920
ggcgtagtca	gaggcgccat	ccgcaaggcc	tgcaacgccc	acggcggggt	cttcaaagac	1980
gagatctaca	tcccgctgca	ggaagaagac	accaagaagc	caaaagacaa	ggccgagggc	2040
ggggacggga	aagttgagcc	cgagaagaca	ctggccttcc	ccggcacaga	cagcatggag	2100
gtcagcacgt	ccagcagcct	gacccccgcc	atgagcatca	gcgcctccgc	ctccaccagc	2160
caggcctcca	tctgcagctc	gcagggcac	tcccaaaccg	tcagcgacct	ctctgtggat	2220
ccgctgcctg	ccggcctcga	gctgcccac	cctccgggcc	tggtggagcc	ccacgcggtg	2280
tccagccagg	aaagcctgga	catttccctg	tgacgaccg	gcagcctggg	cagcctgggc	2340
agcctggggg	agcccctgga	caatgcagag	acggcctcgg	tgctcgacat	gggtccatg	2400
tacacagtca	cttccctgga	caaccagccc	ctcgccgccc	gccccatcaa	aggcttcgca	2460
gtcgtggaga	taagatcccc	agccaaaatt	gagaaaattc	gagcaagttt	atttaacaat	2520
aatgacttga	ttggtttgtc	aagtttggt	ggtgaagatg	aattgatgga	aatgtcaaca	2580
gaagagattc	taaccgtgtc	tgtagtaaat	cagagtctct	ttgatactca	agggagccca	2640
gggttagaag	attatttcaa	tgataagtca	attaaagggg	agaagctggt	gcccggagcc	2700
agagagggttc	tgacggagat	atttaagagt	tgtgccatt	cagagcagac	gctgagcctg	2760
acaccagcga	agcccatcag	agtctctgac	atttatctta	gcaaagagca	gatcaactcc	2820
cagaccccag	gcaacctcct	ccacctcttc	ttaccaaatg	tccggccgcc	aaaaaagggtg	2880
ctggaggatc	agctcaccca	gatcctgagg	aagtatggcg	tgccaaagcc	caagtttgac	2940
aagagcaagt	acagcaaggc	cgggaaggag	cagcaccccg	tgaaggtggt	gagcaccaag	3000
cggcctatca	ccaagccgcc	cgccaaggac	aaggctgtgc	tcaacagcgt	cagcaggact	3060
gccttaagtg	agaagaagcc	aactgtgaag	ccaaaatcac	cagaaaagag	caaaccagat	3120
gaaaaggacc	cagaaaagtc	acctacccaa	aaacaagaag	tccctgagga	aaaatacctg	3180
acgctggaag	gatttcacaa	atttggttatt	gaccgagcca	ggcaagatat	ccgtagcgtc	3240
tggagggcga	tcttgctcctg	tggttacgat	cttcactttg	agaggtgcgc	atgcatcgat	3300
gtccgacatg	cacagaaggc	ctcaagaaag	tggaccctgg	agatggacgt	ggcacttggtg	3360
cagtacatca	accagctatg	ccgccacctc	gccatcacac	ccgcaaggct	ccatccccat	3420
gaggtgtacc	tggaccccg	ggatgctgct	gacccagag	tggcctgtct	cctgaacgtg	3480
cccacgcaga	gcctgcgcct	gcgcttcgcc	ttgctgcagt	ccctcaaac	cacactggag	3540



accttcttcc	tgccccctggt	ggagctgcgc	cagacaccca	tgtataccca	cagcatcgcc	3600
gccctgctga	aggaggccaa	agggctgatc	ttctatgaca	cgaaggtgac	cgtgatgaat	3660
cgagtgtgta	atgccactgt	gcagaggaca	gcgaccacg	cgccccctga	gatcaccttg	3720
gacccactgg	aaattgtggg	aggggaaatc	agagcttctg	aaaactccta	cttctgtcag	3780
gctgccaggc	agctggcctc	agtgccgtcg	tctcagctct	gcgtcaagct	ggccagtggc	3840
ggtgacccca	catatgcctt	caacatccgc	ttcactggcg	aggaggtcca	tggcaccagc	3900
ggctctttcc	gccacttcc	gtggcaggtg	tgtaaggagc	tgcaagttc	ctcgctgtcg	3960
ctgctgctgc	tgtgccccag	ctcagctgtc	aataagaaca	agggcaagta	tatcctgacc	4020
ccgagcccca	tcacctacgg	ggaggagcag	ctgctgcact	tcctggggca	gctgctgggg	4080
attgcaattc	gggcagacgt	cccgtgccc	ctggacctcc	tgccctcctt	ctggaagacg	4140
ctggtggggc	agcccttggg	ccctgagcaa	gacctgcagg	aagcggatat	cctcacctac	4200
aattacgtca	agaagtttga	gagcatcaat	gatgagaccg	agctggaggc	cctgtgcgct	4260
gagatcgctc	ccagcacct	ggccacggag	agccctgaca	gccccaaaca	gccctgctgc	4320
aggttcacct	acctgaccat	gacgggcgag	gaggtggagc	tgtgcagccg	gggccggcac	4380
atccttgttg	cgtgggagaa	caaggacatc	tacgcggcag	ccatccggag	cctgcggctg	4440
cgggagctgc	agaatgtgga	gtgcgtgacg	gccgtgcggg	ccggcctggg	ctccatcatc	4500
cccctgcagc	tgctgaccat	gctcagccca	ctggagatgg	agctgcgcac	ctgcggcctc	4560
ccctacatca	acctcgagtt	cctcaaggcc	cacaccatgt	accaagtggg	gctgatggag	4620
acggaccagc	acatcgagtt	cttctggggg	gccctggaga	tgttcaccca	ggaggagctg	4680
tgcaagttca	tcaagtttgc	ctgcaaccag	gagcgcaccc	cgttcacctg	cccctgcaaa	4740
gatgggggtc	ccgacactgc	ccatgtgccc	ccgtacccca	tgaagatcgc	ccccccagat	4800
ggcacagcag	gttccccaga	ctctcgctac	atccgcgtgg	agacctgcat	gttcatgac	4860
aagcttcccc	agtactctc	tctggaaatc	atgctggaga	aacttcgttg	tgccattcac	4920
taccgtgaag	acccctcag	tggctgatgg	gagggagccc	cagaattagg	ctgtcactga	4980
ggcaccact	ctgctggctt	gggaagccac	cactgcggcc	cgccccctca	gggccctgcg	5040
tgaggagttg	gcaacatttt	gcttttccaa	actttcgctc	acattccagg	gcctcctgga	5100
agacttaacc	ttttgtcttt	gtacgtttcg	tgatgggttg	gttcttttgc	tgccgtgttg	5160
tgggtctattt	gtaggatagt	ttagttccca	gacagtttgt	gtctaatttg	atcttcttgg	5220
acattgtccc	tcatggccac	cagattctaa	tgccataagg	ccccagctgg	ttccccatca	5280
cagaaccacc	cagcaggaag	ccgggggtac	aatgacctcg	gccacacaga	gcgctcgtgc	5340
tttcagcaga	gcgcctccac	agacaagcct	gtggccagcc	ctgccctcca	gcctcgagct	5400
ggagttgctc	cagaggcagc	cccagcaggc	ctccctccac	atagagggtg	ctggggccaat	5460
tgcccaaaca	cgtgagacac	acaggagact	ttatgtgttc	atcttctctg	tttagaactt	5520
gctcccgtgc	ttgggttttc	tgaggaaaag	cccacagtgg	ttcccctgcc	cctcccatac	5580
ctccctatct	gcgctctgtc	tctttggggc	ctggctctgac	agttttcatc	tgaggcctcc	5640
tcggggagcag	gagacttaag	ggttcatccc	gaccttagtt	cacagagcct	agctgggtgc	5700
atcccagccg	gcaggggggt	gaggaagaca	cccagagatg	ggggggacaa	tggttcagggt	5760
ggggggcctc	ctccgagact	ctggttgaga	ggaaagcaca	tgattcaagc	ctaccccaca	5820
aaaaaggagc	acaaaatgct	cagaaatggc	ccttccctcc	tgcaagtacg	taggacaagg	5880
gaaagggcca	cacccatttt	caaaagagtg	gactgaggtg	ctctgctcaa	tttggggctc	5940
gctttagtga	cccagacact	caagtccaga	tggagactcc	aggggggtcc	ttctgcccct	6000
ctggccagcc	ccacccagca	ctccccatca	ccccatgtaa	gtgtgtatgc	cagggctgag	6060
ctgcctccag	gctcacccac	tgcacttttg	ccccaaatag	gtctttgtcc	agtggtactt	6120
tgttcatgag	cagcacaggc	catcttggtg	gacactgtca	ctttgggcct	tgccagggtc	6180
cacagaatca	catcgctgta	tttattgtat	aatattgtga	atattggaag	ttttgagtga	6240
gtgctgtcta	gaaggttttg	gagtggtgat	gctgggtcca	gaaagaagat	gtgccctggc	6300
ctgctggaaa	gattgtgaat	tctagagata	gagccgttag	catccatctc	ctccctgtaa	6360
ctcttaggaa	atgcatcaag	gaccattata	gaaaggatcc	cctgacctaa	ggatgaaatc	6420
gacctaggtg	taatcatgac	agctgcatca	gttgatttgg	atgcaagtca	actctggagg	6480
tgagtggccg	caagcagttc	ccctgctttg	aaagaagatg	gtcagcccgc	tgccctccca	6540
gcggccacag	ctcctttgag	tgtggggggt	cacagccagg	atgtattcct	gacaataagg	6600
atccttttat	tttcatttct	gcataatgaa	agagcctttc	gatttattag	aagtggtttt	6660
tcctccctac	atctttaaat	tcttggttct	cttttagtct	catcccttga	atggacttgt	6720
cagctacctc	cccaggagga	gttcagaagc	ttctgttggc	catcacttga	gtagatgaca	6780
agctgtaagg	tatctgctgc	taacgtggct	gcttctccga	gagcacattg	aggtccagac	6840
agatccaaac	cttggcccta	aaaaatgtgt	gctgtaaagt	tacttgatgt	atatttatta	6900
taattattta	tggttgcatt	taacaaactt	ttcattcaat	ctgatgctat	ttacaccatg	6960

ctgtgtaaag	gaagctcact	aaaggaaaaa	agtcacacca	ataaataacc	ttcatcta	7020
tttgatttac	cttaaaagtt	gtgtgaacac	ctacccttgc	tgagcaagtt	caaaggctgg	7080
catgcttgga	tggtctctgat	atttaagtgc	tgccaagtgg	ctaggaatta	aagtgtttct	7140
aattattatg	gtc					7153

```

<210> 7754
<211> 2966
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2967)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (15)...(1661)
<223> similar to gi5001689 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	7754						
ggtgggtgag	cagcatgggc	tttgaggagc	tgctggagca	ggtggggcggc	tttggggcct	60	
tccaactgcg	gaatgtggca	ctgctggccc	tgccccgagt	gctgctacca	ctgcacttcc	120	
tccctgccat	cttcctggct	gccgtgcctg	cccaccgatg	tgccctgccg	ggtgcccctg	180	
ccaacttcag	ccatcaggat	gtgtggctgg	aggcccatct	tccccgggag	cctgatggca	240	
cgctcagctc	ctgcctccgc	tttgccctatc	cccaggctct	ccccaacacc	acgttggggg	300	
aagaaaggca	gagccgtggg	gagctggagg	atgaacctgc	cacagtgcc	tgctctcagg	360	
gctggggagta	cgaccactca	gaattctcct	ctaccattgc	aactgagtc	cagtgggatc	420	
tggtgtgtga	gcagaaagg	ctgaacagag	ctgcgtccac	tttcttcttc	gccgggtgtgc	480	
tggtgggggc	tgtggccttt	ggatatctgt	ccgacagggt	tgggcggcgg	cgtctgctgc	540	
tggtagccta	cgtgagtacc	ctggtgctgg	gcctggcatc	tgacgcctcc	gtcagctatg	600	
taatgtttgc	catcaccgc	acccttactg	gctcagccct	ggctggtttt	accatcatcg	660	
tgatgccact	ggagctggag	tggctggatg	tggagcaccg	caccgtggct	ggagtccctga	720	
gcagcacctt	ctggacaggg	ggcgtgatgc	tgctggcact	ggttgggtac	ctgatacggg	780	
actggcgatg	gcttctgcta	gctgtcacc	tgccctgtgc	cccaggcatc	ctcagcctct	840	
ggtgggtgcc	tgagtctgca	cgctggcttc	tgacccaagg	ccatgtgaaa	gaggcccaca	900	
ggtacttgct	ccactgtgcc	aggctcaatg	ggcggccagt	gtgtgaggac	agcttcagcc	960	
aggaggctgt	gagcaaagtg	gccgcggggg	aacgggtggt	ccgaagacct	tcatacctag	1020	
acctgttccg	cacaccacgg	ctccgacaca	tctcactgtg	ctgcgtgggtg	gtgtggttcg	1080	
gagtgaactt	ctcctattac	ggcctgagtc	tggatgtgtc	ggggctgggg	ctgaacgtgt	1140	
accagacaca	gctgttggtc	ggggctgtgg	aactgccctc	caagctgctg	gtctacttgt	1200	
cgggtgcgcta	cgcaggacgc	cgcctcacgc	aagccgggac	actgctgggc	acggccctgg	1260	
cgttcggcac	tagactgcta	gtgtccctccg	atatgaagtc	ctggagcact	gtcctggcag	1320	
tgatggggaa	agctttttct	gaagctgcct	tcaccactgc	ctacctgttc	acttcagagt	1380	
tgtaccctac	ggtgctcaga	cagacaggga	tggggctgac	tgactgggtg	ggccggctgg	1440	
ggggctcttt	ggccccactg	gcggccttgc	tggatggagt	gtggctgtca	ctgcccaagc	1500	
ttacttatgg	ggggatcgcc	ctgctggctg	ccggcaccgc	cctcctgctg	ccagagacga	1560	
ggcaggcaca	gctgccagag	accatccagg	acgtggagag	aaagagtgcc	ccaaccagtc	1620	
ttcaggagga	agagatgcc	atgaagcagg	tccagaacta	agtgggagtg	gaggcaggcc	1680	

634825 "01E100

```

ctccacagaa gctctgcagc aggggctggg agagcagaag ggcaggccct gcaactcagg 1740
ctgggagtat cgaacctctt gcctagggcc ggagttgctg ccagtaccgc ctccctctgc 1800
tcattccatcc ttgattatct ggcttctagg aacagttgac ttcccagaat gcagtgggct 1860
gctgggcacc cctctcacgg ttggggagga ttctgtaaat aaaggtgccc cttgggttgg 1920
ggcagtggtg acgagctgtg ggaagagccc tggataggaa gccactgagt ctgccctggg 1980
ctctgataaa accttcacca ttaacttgct gtgtgaacct tgggcatgtg gctttccctt 2040
ctctgggcct cagtctgttc atcctcccca aatggataaa tgaaaacctc ttgggaggcc 2100
cttacaatag gatctgttgc catgctcaaa atgaagttac ctgaaataag gtgcttcctg 2160
cttctctcta gagatgggtg cctaaagaaa ggacttagca tatgagactt ctgggtaccc 2220
aatggggctg ggtgggcatg cttgtccact tgtgtggtgc ttaggacttg ccaatgccca 2280
ggcccaaggg acaaaaagaa cagagctttt tgttctcatg ggctgggccc tgctacctcc 2340
gagggcaccc tgacgggcaa ttgcatgttc atccccaacc cccacattcc ccatcctcca 2400
aaccactggg gtctcatgcc caaaagaaga agttgaaggc atggggagcc aacattttat 2460
ttgaaggaag ccacagaggc ttgaaatttc aattaaaaca caaagtttta tgagtacctt 2520
gaagctccag aatgtgctgg ggaaaggggt tgtgatggcc aggaggagga tacccttcaa 2580
aacgggctgt tcctaacca gatagaaatg ggaaaggga aaaattggca gagaaagtct 2640
agactctctg gcctaccatg gagcctaggc ccaggccccc aagatccac cttccccaac 2700
ccccattgga ctggagattt ttgtagcttc cattggacca tgaggggcat gatgggaggc 2760
ctgagtttag gtgacctttt ttgtgagcgt ctcatattga ttttatcttc actggggtca 2820
tagatgtagc agcccacatc gccaatgttc acacctttgg ggacaaacag gtagccgtag 2880
cangggacgt ggcagtaggg gactccatca tgctcagcat gacttccagc agtcagggtc 2940
ttgtggcaac gcttgcacct cagaca                                     2966

```

<210> 7755

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (835)...(468)

<223> similar to gil685102 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7755

```

tttttttttt ttcatcttcc attattttat tattttttat acatatatat atatgcgag 60
atctgtttta tgtacaacaa ttggttctat caaatattca gaccaaggca ttctactggt 120
aatttccccc caaatcaatt caggtaaaat tagatactta tgcacttcac gggctatcaa 180
aacttgcaac ttcattatca atttcagttc tgaggtcata cacacaattc aaaatataca 240
ttaactaggt taaggcgata aaagtgggct gaaagaaacc acaggattca gaacaatgaa 300
actgtgtatt ttgcttgcac gagagtcata acgtgaacag caagtattgt gcgtatctca 360
tagctcttca gtggagagga agcggcttct gaacatctaa ggtgactgca cagcagggtg 420
gaaacagctg gtgtggcctg ctggaggctt cgccgaggga gggctcattt cttctctgcc 480
tctctttttt tgggttcttg tttcaatttg taatcagcca gggcggcctt gattgcatct 540
tcagccagca tggagcagtg cagtttcacg ggaggaaggc agagctcctt ggcgatatct 600
gtgtttttga tagtcaaggc ttccctccacc gtctttcctt tcacccattc agtgggcta 660
gagctggagg caattgcgga accacagcca aatgttttaa acctagcatc cacaatcttc 720
cccttttcat ccacttgaat ctgtaatttc attacgtcac cacatgctgg agccccacc 780
agtccagttc caacattttt agatgtcttg tcaagggacc ccacgtttct aggattttca 840
taatgatcaa caaccttctt gtgatagagt cgggcccggg cgcagagctc ccgggcgggc 900

```



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (269)...(1585)

<223> similar to gi3212997 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7757

cccacgcgtc	cgggcgggctg	acgtggccgc	tggagctcag	gcggtgggtt	cggctgggat	60
ggcgaagagc	aacggagaga	atgggccgcg	cgcgcccgcg	gccggggaaa	gcctgtcggg	120
aaccggggag	agcctggccc	agggccccga	cgccgcaacc	accgacgaac	tcagctctct	180
cgggtctgac	tggaggcca	acggcttcgc	cgagcgccgc	atcgacaagt	tgggttcat	240
cgtgggctcg	cagggcgccg	agggcgcgct	ggaggaagta	cccctggagg	tgctgaggca	300
gagggagtc	aagtggctgg	acatgctcaa	caactgggac	aaatggatgg	ccaagaagca	360
caaaaagatt	cgtctgcggt	gccaaaaggg	catccgcct	tctctgcggg	gccgtgcttg	420
gcagtacctg	tcaggaggca	aggtgaagtt	acagcagaac	cctggaaagt	ttgacgagct	480
ggacatgtcc	cctggggacc	ccaagtggct	ggacgtgatt	gagcgtgacc	tgcaccggca	540
gttcccatte	catgaaatgt	ttgtgtcccg	ggggggccac	ggccagcagg	acctattccg	600
tgtgctgaag	gcctacacgc	tgtaccggcc	cgaggagggc	tactgccagg	cccaggcgcc	660
cattgccgct	gtcttgetca	tgcataatgc	tgctgagcaa	gccttctggt	gcctggtaca	720
gatctgtgag	aagtacctgc	ccggctacta	cagcgagaaa	ctggaggcga	tccagctgga	780
cggggagatc	cttttctcgc	tgttgcagaa	ggtgtcgccg	gtggcccaca	agcacctcag	840
ccgtcagaag	atcgaccgcg	tcctttatat	gacagaatgg	ttcatgtgcg	ccttctcccg	900
aaccttgccc	tggagctctg	tgtgtcggtg	ctgggacatg	ttcttctgtg	aaggggtcaa	960
gatcatcttc	cgggtggggc	tggtgctgct	gaagcacgcg	ctgggctccc	ctgagaaggt	1020
caaagcctgc	cagggccagt	acgagaccat	cgagcgactg	cggagcctca	gccccagat	1080
catgcaggag	gcctttctgg	tccaggaggt	ggtggagttg	cccgtgacag	agcgccagat	1140
tgagcgcgaa	cacctcatte	agctgcggcg	ctggcaggag	acccgggggtg	agctgcagtg	1200
ccgtcccccg	cccaggctgc	atgggtgcaa	ggctatcttg	gatgcagAAC	ctgggtccccg	1260
gcctgcccta	caaccttcac	catccatccg	cctgccccta	gatgcccccc	tccttggttc	1320
caaagccaag	ccaagccac	ccaagcaggc	ccagaaggag	cagcggaac	agatgaaggg	1380
gagagggcag	ctggagaagc	ccccagcccc	aaatcaagcc	atgggtgggtg	ccgctgcagg	1440
agatgcatgt	ccccacagc	atgtgcccc	gaaggactca	gcccccaagg	actcagcccc	1500
tcaggatttg	gtcctccagg	tctcagccca	ccaccgctcc	caggagagct	tgacgtccca	1560
agagagttag	gacacctact	tgtaaccctg	gcagctaagg	cctccagggc	ggggtctcca	1620
tataactaca	cggttcatga	actgacattc	cacatcctgc	ccacctctg	agggccaagc	1680
tgcttgccca	ctgggctggg	ctggagtctg	gctggtccaa	cacagattct	gcctggtcca	1740
acacagattc	tgctgagcc	tccttattta	ttttctttac	agtggcactc	aggctggccc	1800
agccagggca	ggcagaagct	agggcctggg	gggtggggcc	tccttcagcc	ccctcctcct	1860
gggggatgct	ccccagggtt	aggggtgctg	tgtgagggga	aaggggtggg	tggtctttgt	1920
gtaaaataga	aacatgggtt	tgtacagaaa	ttaacagcct	tgtatagaga	aaaaaaaa	1979

<210> 7758

<211> 1618

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (36)...(1222)  
 <223> similar to gi3724105 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7758

agcttacctg	cttttccatt	acctgttcca	gcaccatgtc	ttacagttgt	tgcctgcccc	60
gcctgggctg	ccgcaccagc	tgctcctccc	ggccctgcgt	gccccccagc	tgccacggct	120
acaccctgcc	tggggcctgc	aacatccccg	ccaatgtgag	caactgcaac	tggttctgtg	180
agggtcctt	caatggcagc	gagaaggaga	ctatgcagtt	cctgaacgac	cgcttgacca	240
gctacctgga	gaaggtgcgt	cagctggagc	gggacaacgc	ggagctggag	aaactcatcc	300
aggagcggtc	ccagcagcag	gagcccttgc	tgtgccccag	ctaccagtcc	tacttcaaga	360
ccattgagga	gctccagcag	aagattctgt	gtgccaaggc	tgagaatgcc	aggctggtgg	420
tgaacattga	caatgccaa	ctggcctctg	acgacttcag	aagcaggtag	cagacggagc	480
agtccttgag	gctgttggtg	gagtcggaca	tcaacagcat	acgcaggatc	ctggatgagc	540
tgaccctctg	caagtctgac	ctggaggtccc	aggtggagtc	cctgagggag	gagctgatct	600
gcttgaagaa	gaaccatgag	gaggaggtta	acaccctgcg	ctcccagctt	ggagaccgcc	660
tcaacgtgga	ggtggacact	gccccactg	tggacctgaa	ccaggtcctg	aacgagacca	720
ggagtcagta	tgaggctctg	gtggaaaacta	accgcaggga	agtggagcaa	tggttcgcca	780
cgcagaccga	ggagctgaac	aagcagggtg	tatccagctc	agagcagctg	cagtcctgcc	840
aggcggagat	catcgagctg	agacgcacag	tcaacgccct	ggagatcgag	ctgcaggccc	900
agcacaacct	gcgagactct	ctggaaaaca	cgctgacgga	gagcgaggcc	cactacagct	960
cccagctgtc	ccaggtgcag	agcctgatca	ccaacgtgga	gtctcagctg	gcagagatcc	1020
gctgtgacct	ggagcggcag	aaccaggagt	accaggtgct	gctggacgtg	cgtgcccggc	1080
tggagtgtga	gatcaacacg	taccggagcc	tcctggagag	tgaggactgc	aagctcccct	1140
gcaacccatg	cgccaccacc	aatgctagt	gcaactcctg	tggaccctgt	ggcacctctc	1200
aaaagggttg	ctgtaattga	aaagcttgta	tcctctttga	agacatctac	aaagccattt	1260
agatcaacca	caggaaggat	cctcaagtc	tgacttttct	ggagctcagc	tgacatcaag	1320
aaacctcatc	ttgcctctat	gttatctcta	gaatgctgaa	aagctttcct	gacccaagca	1380
aagacacaca	tcatcaactt	ccaatgtctg	gacaactcct	tcctgttgag	ggtcgagcct	1440
gtttgtttct	aaagatgttc	agctccctgt	aatctgagct	cccagttact	acttaagggtg	1500
tttctgaac	cgtactactg	catttctctg	tttctttttt	tctttggcat	tctctggaat	1560
gcaaggagga	gacttcattt	acttcccaat	aaacttcatt	tctctggcat	aaaaaaaa	1618

<210> 7759  
 <211> 955  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(956)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (775)...(333)  
 <223> similar to gi5381319 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7759
tttttttttt ttcaacatta aatgactatt tttttttcag gtttaaaaga tttcaaaata    60
catatgtaca agataaataa actcccaaaa aattatgtca tcaaataatat ttaaaaaaaa    120
aattcaaggt aggcaactta gatcaccttg gcaaagaaca cattaactaa gatgaaccag    180
ggacaagtcc cctaaacatc aggatgaaat ttcttttcta tgctactag ctgactggcc    240
ttccttttct gtgttgagtt gtgtactctg gagtcaccag cctctggtag attatcaagc    300
atctcttctc catcagcctt ttgtttctgt cttgcatgct tctctgtcca ctgtctggca    360
ttcttgagga aggcctggctt attatattta aattctgagg atatgtcagc catgagcggg    420
tcatcagggg tgggttctga catgagcagc tgaatagagg tcaacacagt tgcgatgttg    480
agggatgggt tccaagcacc ttttggtggc aatttgagaa catccagaca aatccttcca    540
gcagaatcaa tgtttggatg ataaattgga gtgagaaatc ggatctgagg aggttcaaata    600
gggtacctct caggaatgat aacttctagc ttaaaaaacac ctttctcata aggtgtgttg    660
gctccacctt atatttgagc tcgcaggtca tccatttggg ctttatcttg ccaacatgtg    720
atgcctgggg gtggctctgt ggctaacatg tgcagctctc tcttcagacg tgaagctctc    780
tgcgatgatcc ccaagtagaa ggaaccacac acagttcact gctccacact aagagctgcc    840
tgggatgcac tgagctgaca cccctcaca cgcagcaacg cgcggacca cgggggtacca    900
gcgcctgcgc gacctctacg aattccacca cactgactat gactcgaann cccgc      955

```

```

<210> 7760
<211> 1031
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (103)...(432)
<223> similar to gi2388999 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7760
cccgggcccga cccacgcgtc cgcggacgcg tgggcggacg cgtggggtca gcccaacatg    60
gcgatgcaca acaaggcggc gccgcgcgag atcccggaca cccggcggga gctggcggag    120
ctcgtgaagc ggaagcagga gctggcggaa acattggcaa atttgagcgc acagatctat    180
gcttttgagg gaagctacct ggaagacact cagatgtatg gcaatattat tcgtggcttg    240
gatcgggtatc tgaccaacca aaaaaactcc aatagcaaaa atgatcgaag gaaccggaag    300
tttaaggaag ctgagcgggt cttcagtaaa tcctcggtta cctcagcagc tgcagtaagt    360
gcattggcag gagttcagga ccagctcatt gaaaagaggg agccaggaag tgggacggaa    420
agtgacactt ctccagactt ccacaatcag gaaaatgagc ccagccagga ggaccctgag    480
gatctggatg gatctgtgca gggagtgaag cctcagaagg ctgcttcttc tacttctca    540
gggagtcacc acagcagcca taaaagcga aagaataaaa accggcacag cccgtctggc    600
atgtttgatt atgactttga gattgatctg aagttaaaca aaaaaccacg agctgactat    660
tagaagacac attagtgccg gaagccttcc aggcgtgtag gccctgcttc cttctctga    720
cctcacaagg ataaacatcc ttcacctgag ttcgtggcca tccacctctg ctctcccaga    780
cccagtgcct gtgactttga gtagtttgtt ctaaatgtgg tgacaaacaa gtcatttctg    840
taagacattg ggtcttactt tatgtcattt ttagtaacag aactgcagga agatcaagac    900
aatgttgtaa tcccggcaag ttgctaactg tgcgtttctc ctttcttaga atgaatgtct    960
ccccaaaac tggctggcac cagcttcatc tgtgataccc ttcaagaaat gttctctggt    1020
tttgttttat g                                1031

```

<210> 7761  
 <211> 1516  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (741)...(509)  
 <223> similar to gi6684 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7761  
 tttttttttt ttagaggaga ctgaaaaaga taattttattc catcagaggc atcacaatta 60  
 cagattacag acattttgcat gcaaattgtct gtaatctgta attaatatgc aggggttagag 120  
 cgctgcgttt taacatttta cattcatgag taaacagaga tggccggtgg gtaaatatct 180  
 tgccaaggtg gttcctggta ttaagccttt tgagtcttaa gatgacaaat ccctagggat 240  
 caggtgggtt tcccgcacga actcttgtca atgagaaatc cctcagcccc ttttgtcttg 300  
 ggtctcacag ctccagaagt gagccgggccc agaacgaagc catcctagag tccccaagga 360  
 cagccctccc gtggacccc gctagggccc ccagagtctc atcctcagga gtgcgccagc 420  
 tctgggcctg cgtgcggcg gggctctgcag ccacaggtec cgcgagtcg ggacacttcc 480  
 aggacgtggt ctctggtga gacagctcct ccgggtacca gtctcgactc ctccgggcag 540  
 gcgacaacaa agtcgagtc cgccctccac gttcgctgc tgcgcgtct tgtcctctct 600  
 cggcgcgcgc aactctgggg cacagctggc tcctcctggg ggcgatgcag catcacaggg 660  
 ctccggccca ccccgggcca gggcgccgac cctccctgcc ggaccctctc tagaaggccg 720  
 cgggtctggg tctggctcat cccttaaaga ttccaagatt gggcgactc tgagctcccc 780  
 aaacacaaaa tgatgggatc cctgcgcgtg ccccccagtc acagagtggg aggggtccag 840  
 gggcattcta attataaacg gggctcaatc acacccaaa attctaaacg cctccacccc 900  
 taacctgcag gtgcaaacag caccctatt tcattgccgg cagctacttt gtactttcgt 960  
 actgatagac aaagatagtg acaacaaaga cggaaagaaa caagcatcga aagctacatg 1020  
 aagggggtgc agcgtgttc taaaacacaa aatgccgagc cccgttttcc ctttccctcc 1080  
 ccgctcggtc ctgcgccac cccgtcccgc gctggccact caggcaagct gtaaattgat 1140  
 ataggtaaag atgcaggagg tgatggagaa ggcgatggct gcgtagatga agatggagag 1200  
 gtgcggaaaa tggctgagat agcagccctc gtccagtgga ggcgcctcct tctgggcggg 1260  
 gggcgcgatg cggccttcgg gggctgcccg gcgcggcccc cctgcgcct cccgcccgcg 1320  
 cgccgaccag ctttcttgcc cgcggccgac gccgacctgg gccgcaggc agcgggaggg 1380  
 tcttcggggg gaggttgtc aaacaggcct tcggactcgg ggtccgggcg aatctgctcg 1440  
 agaccccagg gtctgcgcg aaacagcccg tcagccatgg gcaggatcgc gggtaggtgg 1500  
 gtcagccggg tctggg 1516

<210> 7762  
 <211> 1090  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (674)...(115)  
 <223> similar to gi3093311 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7762

tttttttttt	ttacattttc	tcctaatttt	attgggggagc	catcattata	tattaaaaga	60
gcagaggtaa	ttctgtcttc	tccggttggt	cagcacgac	tgctccagct	cgatcatgcca	120
gggcccggaa	aacctccacc	ttctcccggg	acagctgggt	gaactgcttg	gcaaggcagt	180
ggaaaggggc	ttcgaagttt	tccatctctt	tcacggatgt	tccaaaacat	tccaggccct	240
ggcccagcgc	ccatgcccgg	gcctcagctg	agtccactgc	tcgtctgccg	gccagggtctg	300
tcttgttccc	aactaaaaca	cctgggagag	agatgcctgg	agcctgtgac	cgagccttct	360
ccagccactt	gctgcagttg	ttgaaggatt	cttcattggt	cacatcatag	acgagacata	420
agacattggg	actctcccac	aatttatcca	gcatttccga	aaacagctcc	ttgccagcag	480
agtcaaaaat	gaagagttcc	acactgtctc	ccgtgtcagg	aactggcact	gtcttcacca	540
ccaaatccat	tcctgttggt	aggggtgtagc	ttttctggaa	atgggctcca	tcactgcgga	600
agatctgtgc	cagggcgggt	ttgcccactg	ctgggtctcc	tgccaggatg	catttggtctg	660
ccagcttcac	catggtaacc	aacactcccg	cgagccgtac	ccagaggaca	agagcggctg	720
ctagagacgc	gagtgggttg	gcttcggggc	ctgggtctgg	ctgggacggg	aagggtgggga	780
ggggagggct	gatctcaagg	gtcagtggcc	gcgacgggac	tggggatgac	cgagcccggc	840
ccttctgggc	cgggggcgga	tatcgggcgc	tgggggcggg	tgggcagggg	agggctccag	900
gtgggcccgg	ctcgaggcct	gacacggcag	tctgaaaagg	tgcaagcgag	cggacacggc	960
ctgtgctccc	cgcccagccc	ctcagcacag	ccctaccag	agggttcaag	gaaggacgat	1020
ccggctctcc	tccgatcaca	agtaccgggc	cggatgcact	ctccaagcaa	ccatagccgg	1080
acgcgtgggt						1090

<210> 7763  
 <211> 1078  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (397)...(536)  
 <223> similar to gi3860012 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7763

ccaaccccgc	gcccaccccg	cggcttctct	cgctcggggg	cctcgttcgg	cctctgctgg	60
cctccgcgac	tccgcgggtg	cgcgcccggt	tgagttcaaa	aggacgcgcg	gagcggcgcc	120
ggcccttcac	cagcagcccg	tccgactgga	aagatctgcc	tcttctccaa	gaaactcaac	180
cactagtgc	aatgaccagc	ctcctgacta	ctccttctcc	aagagaagaa	ctgatgacca	240
ccccaatttt	acagcccact	gaggccctgt	ccccagaaga	tggagccagc	acagcactca	300
ttgcagttgt	tatcacggtt	gtcttctctc	ccctgctctc	ggctgtgac	ttgatcttct	360
tttacctgta	caagaacaaa	ggcagctacg	tcacctatga	acctacagaa	ggtgagccca	420
gtgccatcgt	ccagatggag	agtgacttgg	ccaagggcag	cgagaaagag	gaatatttca	480
tctaagtact	cccaggcccc	aaggagctta	ttcctggctc	catcgctaac	acgttgactg	540

```

cttattatgg gaaagttttc tctgaagcca gggagaagca ttgattgatg tgggcaaadc 600
caagctccag ccagggtcgca gtcccaaadc ccgacatcac tgactccagg gaccagggac 660
atggagaaaag ctgtttatga tatctttaac caggccctct tactagagct ggtgtttgtg 720
actggccaac aagatgtggc tatgccaggg gacatctgag tatgtgcca gtcactcttt 780
ttcacagggt gaagggagag aaaagatttt gagttaaggt cattggctgc tctactctgt 840
cccctacctg gtcacctagt gatagcccca gtggagatac tgtccataca aggtcttccc 900
agaggctgga taccacagta aaaggccagg ccaggagggg taggagacta tggagatctt 960
acctcctgat aaatgtgcta caccacctaa tctgagccct tcctttccgt gttccccaac 1020
aacctcatgc ttacgtgatt tttattcaaa ttaaaaattt tcattgctaa aaaaaaaaa 1078

```

```

<210> 7764
<211> 1103
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1042)...(497)
<223> similar to gi4741198 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7764
tttttttttt ctgaaaggtc atctcgtgcy actttaatat ttatatccgt agtttcactt 60
ggttcctcat ttttatgttt tttttttaaa ttaaacacag gttatcaaag tgtaaatgaa 120
aggtaattgt ttattactgg agaagagaaa aatgtataca agaaagtcta gattctttct 180
ccacatgcac tacttttgga ataaagttcc aaatatcaac ttggaagata cttacaagga 240
taaatttttc ttaacaagtg accaattact gtgtgtgga cattttttca tagaatccat 300
atactgtaaa ctaaatatat tcttatagtt tacaggaagc ttggagcaat tatgtattaa 360
cagagaagat ggtattatat ttactgcaa aatattataa aagtataca attttgtggc 420
tcttaaatgt ttaattactt gatttcaaca ggacaatgaa aaaaaacca aaatcatcaa 480
gacaggcctg gctttaagggt ttttgtatt cgattcggtt tactttcaca tcatctccaa 540
ttagctgata cacatagggt accactgtag aagcctggat atccatcaac acaaatgatg 600
gaataatgtt tgtttccaag gcattatatg cccagtggtc agaacctgga ttaatgtaga 660
atttattttc atgctcaaat gcttcaaatt tgtgtgtgtg tcccagata agaattgcca 720
catcaaattg cctctgcaac agggctaagc tggccatata tcccattgga ataacttgat 780
gtccatggat cagaccaatt ttgaactgtc caacagtcac aactttctgt tctggataat 840
tcagattctc atcgaagtct cctctcacia tatgaacatc accagccaga gtcttgagat 900
agtcataact ctctttggtg caaagggttt ctgtgcagag aatgtgctga atttttcctg 960
gcaccaggag ttttttgaat ttagctggca aactgttgca ccggtgtggg atgtgcagat 1020
ctcctaatac caacaccaat ctgtgcccag ccatcctgtc accgggctcc gctcagtcac 1080
caccaccgtc gccgccctct tcc 1103

```

```

<210> 7765
<211> 1026
<212> DNA
<213> Homo sapiens

```

[illegible]

```
<210> 7766
<211> 5418
<212> DNA
<213> Homo sapiens
```

<b>&lt;400&gt; 7766</b>						
tttttggata	atgaaacttt	ttatatctgt	tttgacacaa	tccccaccaa	gtaatttcag	60
cataaagcaa	accaaatggc	agacgaaatg	atgttaggta	tccttgtagg	tttacttcac	120
aatacataac	ctctaatacca	tgtccatctt	cttgtttctg	cttttaattc	tgccatttcc	180

tcttaaaatt	taggggtttaa	caaagacaac	agggctgttt	gccaaatcgc	agctattaat	240
tcacagcata	gaaaagtcaa	agctatagca	aaaaattgct	aatctgcaca	actttaaaaa	300
atagttcagt	acatttttgt	tataaaattc	attttacagga	ggttattcac	atgtacttgt	360
caaatttact	cctgataatt	cacaaaaaca	tacaactcaa	caaactgtgc	acaataaatc	420
caaggcaaat	tatatataaaa	gaaacaaaac	aagcttttaa	gtagcacata	ttcatttgaa	480
ataactaata	ttgaaagaag	acagggaact	ttcttttaat	gccatggcaa	agacgaagcg	540
aagagccaca	cttcacacct	tgtaaaaaga	atagccctgt	tcaacaacgc	tgcgctgaca	600
gccacatcag	gaggggccac	ggtgaacata	ggaaatggct	ttggcaaata	cttgtagcaa	660
ctggaacgag	tgaagtttca	aaagtaatgt	gaggtacaac	tgcattccgc	tgtgaaaggc	720
cgtcacagga	cacaggctcg	tctgttagaa	aggatgatct	agttctacca	ttaattcttg	780
cagaatcaga	tctgctgagt	ggtgaaccaa	caggtgaaca	caacgtaaga	acaggcatca	840
aacttcactg	gaaataatat	tgttcagtgt	gtggcggaac	aatatgcatt	ttagagaaaa	900
cttattttctc	aaatcatgtg	ttaatagtat	taacatgagc	agcgtgagag	acatcctgac	960
cccaacgttt	ttgcccacgc	cctcccttta	gaagcttagg	agtttgtaca	ttccctaagt	1020
ggtcagcact	acaagtgtct	gctaaaatgg	gcacttcac	aagataaacg	gaaagcaaac	1080
ttaaagtaac	gagattttctt	cccaaaggca	catggaagaa	gctgatagag	cccttgaccc	1140
agacagaatg	ggacccatcc	ctacccgtcc	tgaactgtcg	cacactgcat	ggccaaagac	1200
aaactctcca	ccccacagca	ggaagcagtg	gctgactctg	gggacaaagc	actccaggaa	1260
gtcacctgct	ccctgggttt	caggagtatt	cagttgaccg	tctggacacc	agtgaggagg	1320
acacaggtaa	tgaatcaaaa	tgtctaaaact	tttggaacc	gaaagtgtgt	ttttaagct	1380
ctttataatc	tgtcaagta	gaattttctaa	cacaaaaccc	ttttttgctt	aaaaagcaga	1440
tgacaaagga	aatgtcaaat	aatgcacatg	aatcttcagc	tatttttcta	cccccaaatg	1500
agatatgggg	ctgcacagca	ttcattacag	atccctagtt	tttacaactg	tcaactgtac	1560
atttctcatgt	ttaggatact	ccagttcact	gcgtggatat	ttggaaaact	ggacaaaatc	1620
aggcagccca	cccctccctt	gtcccagat	tcctcgatct	ccattcacca	tgaccaattt	1680
tttccccccac	aaaagcacta	ttacctttta	ttagtagctg	gaaacaccta	tcagatatct	1740
taaacagcat	gtattttttac	caggtagatg	attttctgaag	atcacaggaa	gtctaccact	1800
ctcttcccag	ttctgaactc	ctctggttac	gcttcatttt	aaatcggttg	cttctttccc	1860
gccccaaaata	ttctattttg	cctgccccag	tggttcccaa	gctgcctggt	gatcagaatc	1920
ccttgggaaa	tgttgaacac	acagcttccc	aggctttctg	gaaaactagt	tagatctgtc	1980
tgacaatctg	taagctgagg	cgattcttcc	acagctgacc	cagcgctaata	ctagcatttg	2040
gcaaccaaat	gtctgtacct	caccagtcac	acaaggctca	caatatgctg	ggagcatttg	2100
aatgatagct	caagaattat	tctttcactc	catattcttc	tctctcaaga	agattaggaa	2160
ttttagctag	ggaactatgt	gcatactgaa	acaggtaaata	gaactcatca	cagaaatata	2220
ataccctggg	ccaatgcact	ctatctaaaa	atgcaccatg	tcagcaaac	tttacctaac	2280
ataaccgtgc	tgcccaaagt	gtcccctagg	agactccagg	tttttggggg	gttttttgct	2340
ttttttaata	gagccagaga	cacctgaccc	accagcacta	actcagctta	ttccaagcta	2400
ggctgttaaa	taattatctg	tcttgctcta	acaatggttg	aaaggacccg	ccctcctccc	2460
atcttttttt	tttttggtaa	tataaagttt	gttctgttga	aaactgatta	acatttttaa	2520
cagggggaaa	gaaaagcggt	ctactagatt	aaatttttaa	aggattttgt	tatttgctat	2580
acaaatatac	atttcaactt	ttacaacatt	cactccagtc	tgacctcctt	gtctatagaa	2640
gactaagaga	tcaacatttc	cagtctctga	cttcaaggac	attattacgg	atacacaatg	2700
ccctctgaaa	gcttttgcaa	atgacagaaa	atactgaaga	tgaccagagg	ctcagggtgt	2760
aaggatgcat	tttccatggt	ttccaacagc	acacaaactc	cttacaaaaa	acaagcttat	2820
ctagatggtc	ccacgagctg	gtcatcttca	gtttacaata	tgtctgtggc	gctggcccat	2880
gtcactgggc	tttccataaa	aagcttttct	ttcttggaac	tgtctgtcct	ctgtctcagt	2940
gtcctcttgt	cccacctaga	gttccctctg	gtgtgatggg	tctcggaacc	acacttctcc	3000
tgtccccctt	cactgaaagc	cctggcctct	ctcctgtgac	agagctcctc	ttccgggtca	3060
tcacattttgc	tctgacacgt	ggaagcctcg	ggactggcag	ctggaggttc	gccccgcacg	3120
ggaggtttgt	ggctgctcag	agcagccact	acagcagcgg	gctgctgtac	atggctcagg	3180
tcctggtgaa	cgacagggaa	gcccggctcg	cccgtaggag	gtgttgctcc	aggatgctgg	3240
gggctcgagg	gttggtggatc	ccaaaggaat	attcctcctt	tgacctcaat	gcccctcctc	3300
ttcagcagtc	gtgggtcctg	aagttggtca	tgaacaggag	gtcttttcagg	gtcctttgaa	3360
gtaacagtaa	gagtaatttc	cttggagtca	gaggtgtgtg	ggtatagaga	agcagcaaca	3420
gatgtcttgg	caaatccact	gtctagcttg	ctgctgggca	aaccaccctg	gggtctggac	3480
ccctctgggg	ctatggttag	aggtgagtg	agacttctct	gcagcacagg	cttgagtttc	3540
agaatcttca	ctgcatcatg	tctatagttt	ttgtcacagg	tcttaataat	ggcaccacgc	3600

ttctgagcat	cctgaatcag	ctgattccaa	tgctgggtttt	ccatcagggt	cctcaaagt	3660
ccgaggatga	agaggctgta	cttggctcgt	gtgatgggtga	cattcaatct	ctgcaaactt	3720
gccaggaatc	caattgaacc	ttggatgcta	tttgctctga	cacacgtaac	aataacacaa	3780
tccttctgcc	gaccctggaa	tgcattccaca	gtgtctactt	ctgctgggtcc	ttttctatcg	3840
aactctttgt	ccaaatcctt	ctgaatcatc	gtcttctggg	ccttgtaatg	agttattatg	3900
ccaatgtttc	gaaaactaac	atcctttctt	ttgtctttaa	taagcttaat	tatttccatc	3960
accagtttta	tttcttgaac	atttatata	gagtcattat	cccgtctttc	tgaaccatct	4020
ccaacatcaa	acacaaggta	tggtgaaat	ggccaatctg	atgaacatcg	aatggcttct	4080
gtctgtctat	ttgtttttta	gtttctgtta	taaacataat	tagaaggga	gaggcatatg	4140
tctggatgca	tctgtactg	aacagtgagc	tgtagaatgg	gcagcctgct	gatcatgttg	4200
tgttctacat	tctcttccag	cagtctgcag	aagcgagcca	tcattgactg	gtcgtagcca	4260
tactcctgtg	ctttcataga	gatgactgtc	ggaggagct	gcttaggatc	tcctactagg	4320
atgagcttat	tgcagcgtatg	gatgagtggg	gtaagagtct	caatttcaca	agactgtcca	4380
gcctcatcaa	caatgacaca	gctgaagggg	acacccctt	gcccacggaa	agcagactca	4440
agtagtaaac	caccacttgt	gctcaacgtg	cagcagatga	tatgggactc	taagatgatg	4500
atactctgtg	ttttctgtgg	gcgtccttga	acctctttta	ttttagaagc	aagttcctgc	4560
ctttccttag	aaactttgga	aatgttttca	tctaattctt	gcctctgtat	ttcccgtcca	4620
cctcggcata	gagctcgctg	ccgggaaagc	tcattccagct	gataatctag	aaattccttt	4680
cttttatgca	tgcctgaac	atgagaaggt	aactcttttt	tcattctgtg	gtttacttgg	4740
ctgtccaaac	tgaactttag	aacctcacta	ttaatagact	tttctggacc	cagtcgtact	4800
aaatttatat	ctccacagtt	tcctaaagga	ttcttcttgt	ctttacattt	ttctttgaat	4860
tcaaggataa	tttttttcat	gagttcatca	acagctgcat	tggaagggtg	acacacgagg	4920
acacggtttt	gtttgatatt	ggcattggag	ttttcgtctg	aatgcccctt	cctctgggtc	4980
tctgtcagta	gacgatagag	gaggccaaca	atagtttttg	attttcctgt	tccagggtgg	5040
ccatgaatca	agcagatttt	ggcaactgat	ggtgagtgtt	tcaccatagc	atatgcagtt	5100
tctattgctt	tcttttgatc	ttcattgaaa	tctcttaagt	acgcaataat	tctctcagat	5160
gttgtagtca	gtaaatcttt	tgtacagaag	tccatagggt	ttggattcag	aacagctcta	5220
gccagttggg	tcggactacc	caacagagag	atggctttca	acttcctttg	tgtagtacc	5280
agagaactga	ttacaataca	attcacaagt	tcgttttaaat	tggccggaaa	gttctcttga	5340
gtctggatgg	aaaggttaaca	ctcagttttg	gaattccacc	gcacttannn	anggnctaca	5400
atanagggct	cgatggcg					5418

<210> 7767

<211> 1456

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (928)...(306)

<223> similar to gi2660676 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7767

ttgtggggaa	tgggtaaaa	ctcaccctc	cctgctttat	tttcacattt	tttaacaaag	60
gccccaggga	aagggggaaa	ggtccaaacc	tgtggaaaaa	gaaggggctc	cctgtctcca	120
gggtcttggt	taaggttttc	tcccaattgg	cctaggggccc	cagcccaactt	ccctcactgg	180
cctcaaagcc	ctggagttag	gccctctagg	cagtcaaggg	caggcaggag	atggggccaga	240
gaggggagga	tgtgttcttt	aggtacagaa	tccctgacca	cgggggtccag	tgctgtggg	300
ccaaccacca	ggaagctgtg	catgcccaca	gcccagggcc	cctggtaatc	gcagaggtaa	360

ttatcccaaa	catgggctgc	cactactggt	tccatatgag	caagccgcaa	ggcctcctgg	420
aaaatgcggg	ggtccggctt	gggccagcca	gcagcctcgg	aggtcagcac	aaagtcgaag	480
tggtcacgca	ggccaaggcc	ccccaggatg	ccctctagcc	gtcgggtcaaa	gttggagatc	540
actgccagtc	tcagaccccc	tgtgcggcac	tccctcaggg	tgtcctcagc	cccatccaac	600
acctgccagg	tgcaggggtg	gctgaagtct	ttataaaagct	gttcagcgat	gggggctaca	660
gcctgagcat	cctggacacc	cgccagggtg	aagggtctgca	ggaccacatc	cagccaccac	720
tggcgggagg	ttaggccttg	gctcaggccg	tagttgggga	agctgtgggt	ctgagccctg	780
tatgcctgcc	tgaagccttg	ttccagggtc	gagggtcca	cctccagccc	atggggcccgg	840
gccttggtgg	cataggcctc	ccctaagggg	tggcggagcc	tgagcagcgt	gtccttcaca	900
tcccacgtca	gcagtcgtat	ctgcagccgg	tgtgccatgg	aggaggccaa	gtccacccca	960
gttctgcctc	aggtcccacg	gtgggtccca	ggggaagctg	agctggataa	gaccacctct	1020
gcgcaaccta	acaatcacct	ctttccaggc	cttgtgggtc	agatttgctg	gctaacatga	1080
agcacttggtg	aaatgtcttc	acagcacaag	atcccaaggt	cacagtgagt	cagtggcaca	1140
gccaggacca	gaacccaaac	ttccagactc	tctggccagt	tcttccactg	taccatgaga	1200
tatatattgga	ttttaaaaaat	tggatgaacct	tttctcccca	cctccagggc	tcgggaaagg	1260
cgaagtccag	gagcccggac	ctgacgcaga	atgtctatag	ctgccgtcgg	cagcgtgagc	1320
tggggcggtg	gtcctagggg	ccttggtccg	ggccgacccc	ttgggtcccc	ttctcagctg	1380
tagggcggtc	acgggtccgg	gccggttctc	gggccccagg	cccgcctgac	tctcaagtaa	1440
gcatattgaa	accgca					1456

<210> 7768  
 <211> 1649  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1434)...(682)  
 <223> similar to gi4929663 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7768						
tttttttttt	tttaataaaca	taagagtggg	tttattgatt	acatacaatt	ttagctatat	60
taatatatat	tataaacttt	aagaattaga	aataagtgc	ttttattttt	taaccaagaa	120
taatctaagt	tatggcagca	tgttcaatga	aaggtaagtc	cggcacaatt	tttctatatc	180
tgttttctcag	ataatcagga	acatcatcca	agctttacat	tacgatacca	taatgaccct	240
cagaacacaaa	gttccattaa	gtagaaatga	agcatcatat	gttttctttt	ttaggaaaga	300
cccccccttt	tgttgtatag	acataccctt	aataatctta	ctctactgta	caaataactt	360
ttcaccacaca	agagctgcct	caagtaactt	tcatttttga	aagctatcaa	ggcatgagac	420
agagtagcaa	aatgccactc	tggactttgc	atcttggagt	ttcaattttg	ctttaggatt	480
tagaccccag	tttataatta	aaaccaaata	attcccacat	tattataact	atgtaggaaa	540
gccttgctgt	gtccactgtt	aacacaaaaga	tagaaaatgt	caaatagttt	aagcaagtat	600
ttggcagacc	acagacatga	aacagtgcgg	tcggaaacgg	aaacacttta	gtgttttaga	660
ggtgaagaga	ttgatgggtg	tcattcaaat	ttctcatctc	cttcttctac	atctttcaga	720
ttgagtactt	ccaaagaacc	tttgccttta	gtttcctttt	ttattagctc	atcaatttct	780
cggagcagc	ccgggtcaat	cagacatacg	atttctaact	gttggccata	atcttcactt	840
tctatgacct	tgatcagtgg	cttgagcttt	tctttcagct	tcttgccttc	attgactgga	900
aggatgaacc	gaagcctcat	gtgagcacgt	tctatcttca	ttttctcttt	taactgcttt	960
atcacttcca	aagcctgctg	ttttgtactc	ttgttgggtt	tcaccgaata	gtggatgtcc	1020
ttcatggctc	tctcaataag	gatcacgggt	tatgggtctc	ttgtttcagg	attcacacat	1080



cctgtaaaat	gttggcagga	tctcttttag	cagatgcaac	caacaaagta	tgccattga	1680
caattccttc	tgccaggaaa	tacttgaaga	gcaaagggtga	gtaaatatta	tatttatcct	1740
cctcaattag	aagaactgtt	ccaacggcta	aacctccacc	taagagctgg	tctagggctg	1800
ggagcccggg	tgataaccagc	agctgtccat	tccgcaccga	cggtcgcgtg	cccgcaatgg	1860
acaccagtcg	agggccgctg	tcgttgggtca	cgctgggtct	aggaccctc	ctctggaac	1920
tggtgacgtt	gctcttgctg	gctgtcgcca	ctgcagaccc	agtactcgcg	gcaacactac	1980
cgcaggttgc	cactgccgcc	atcttagagc	ctccagt			2017

<210> 7770  
 <211> 1418  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1389)...(754)  
 <223> similar to gi2429446 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7770						
tttttttttt	ttccaggtgg	agtctgatga	tctttatttc	ttagacagcc	ctggactggg	60
gotatgaaac	acagtcacca	gactataact	cactcctagg	gtggctctgt	ctgtggcggt	120
cctcaccatc	cccgggactc	atagctcagt	gccaccccc	gacaccatgc	cctccagggg	180
gaggggacag	cgaaggggag	aggagggaga	gccctgcgcc	tgccctgtc	ctgagtccaa	240
agattcccat	ggtgatcaga	gggcggtgtt	gggaatgtgg	gacacccttg	gccccgcctc	300
cctgacctcc	ccactacccc	accaaaccag	ccttcccttc	tcttggcact	tccagtgtcc	360
attcccggca	gtgcaaagt	gttaggtggg	gtaggggtg	ggatagggag	ataaatagca	420
gocctggcgt	ggcactggct	ggtgctctgt	ggtgggtatg	agtaggggac	ggggccgcct	480
tcttgagac	aagctcctgg	gtgctgtgat	cagaagggtc	tgtagctcca	gtagctggag	540
aacacggaga	tcttgtcctt	gagctgctgg	cagagctgca	gggagacggt	gaagtagacc	600
agggcgctcg	tgagccaggg	gatcacgcac	tccactttgt	gcacgtggct	cacctccagg	660
cgctgagagc	cccactcgaa	catggcccca	gggctatgca	gcaccgcgcc	cccagctggg	720
cggaagtctt	tggtggagtt	gggctgcagg	gcatgcagct	ggtacaccgt	gaggcagagc	780
ttgttgaggt	tgatgtagac	gttgaccagc	aggtcggacg	gcagggcagg	ggcgaacatc	840
cgcgtgaggc	cgctggcggc	gatctcgggg	agggtagggg	tggcgggggt	ggtgagccgg	900
tttcgggctc	tggtcagctg	cagcatcact	gcgtccatca	gcttgaggac	ctcagcgccc	960
gtcttgaact	ggtagctctg	gtcccggctg	gtaagcaggt	aaatggcttg	gctcacatgg	1020
tttctggcat	cctggatctg	ctgcagcttc	cactgcttgt	cctcccggaa	ggcgaagtgc	1080
agcagctggt	tgttccgggg	catcttcagg	ttcacatccg	cctggctgag	ggcatcccc	1140
tgacaggtca	gcacaccctt	cacctggtct	gtgccacagc	tgcttaggat	gaagttctct	1200
tgcttggcgg	gcccctcagt	gccggagccc	ggcagagtga	agcgcagaga	ggcctccttg	1260
aggatgtcct	gcagctgctt	caacacagcg	tgacactcgt	cgtgcagcag	ccagcggaac	1320
tctcctcca	gcaccgccc	ctccgcgcgc	gtcgtgcca	tcacggtggc	catggccgca	1380
ggccgcgcgc	gagcgccctc	cccaccggcc	gctgctcc			1418

<210> 7771



<211> 1825  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1826)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1671)...(494)  
 <223> similar to gil93871 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7771

tttttttttt	ttcttattta	aaatatTTTT	atttctaaaa	agcttaaatt	atattaaaat	60
ttaaacaatt	tcattgtaca	gtacttgaca	atacatttca	acaaactgaa	aggcaaacca	120
gtaaatacagt	tttgcttact	ttctaagctt	aataatgtac	agactccttg	tcttcaagaa	180
gatgcaaaaa	tcagcaacag	tacaagttaa	atattttaa	aggaaatctg	aaacaaaacg	240
ggattcaatc	tgatcaaata	ccacaattaa	ttgaagtttt	cattttattc	aattgtgaat	300
aaaatagcag	acactgtttc	atccaataag	ccaatgatata	cagcttagga	gaaattgatc	360
tgctgggct	tgtgcaagac	aagaacagtt	accttctgct	gaaaggatgt	gagttttcca	420
aatttggttt	tcattgtcata	gtttccaaat	aaatgaaccg	ctccaccaa	aacgacagtc	480
tagttgctac	ctattctcca	gggtttcatc	atacagccat	ttataagcac	aatccttgga	540
acgtctcata	gtttcaaaaa	gtgttttgaa	gtcttgagg	tgcatgttaa	ctactttctc	600
atcctcctgt	tttctatttt	gcataaatat	atctctcgca	tcaagtggag	tcaatgaacg	660
taagtggctc	attacagtgg	cgctgcgcct	cccaaaacag	tgctttaaca	agtgaaaaaa	720
tatattatag	ttcataggtg	tttaagttctt	ggtaaataaa	tttgacgag	gaatcatttg	780
aataagatac	agcttttggt	gtaattgggtc	taataattcc	ctacgctttg	ggttttccag	840
cggccctttc	cgggtgtata	tatcaaataga	tgaccaaggc	tccatgtgca	gaaccttaat	900
ctcacaagct	aattgccaga	taacacttaa	tacatgatac	aagtctggat	ttccaggatc	960
tgccattagt	ttctggaatt	ctttttcacc	aataaacata	tttacttcta	ttcgtccaaa	1020
tttatatata	gaagtacagg	aatacaagtc	atatgcgagt	ttccaaagt	cccttttctc	1080
acctctactt	gggaacattc	caactacttt	taaagggatg	tctgctgtcc	aaggaaactgc	1140
ttctattccc	aaattcttaa	agagccctcg	agaagacata	gcagggtggt	ttattactcc	1200
accacttcta	ggatctagtt	taaagaagtc	acagtgaatc	actcgtagtt	ttccatccag	1260
attttttcct	aaggactcca	aatgtggaat	aaaagttttg	tcactttcga	gcgcaaccac	1320
tttggcacca	gcttcaagta	atgcctgagt	caggattcca	ggacctggat	tgactccag	1380
cagtaggtgt	ggaggtctac	ttggttttcc	caaataagatt	tgcgccagg	tctcagccaa	1440
tctccgatcg	gttacgtaac	gcttaaagtc	taagctggcc	ttagacgcct	tccttggcgg	1500
attcctgaaa	tccggttcgg	gccacagctg	cggagaggag	tcagagagcc	cacagtgggt	1560
cctcgccggc	aaatgctttc	gcgtcgccgc	ttcagaccct	aaaatgcaaa	agcgaccagc	1620
gcccgccaa	gcggagagcc	tcagccgcgc	aggaagcccg	accactggga	tccacatgtc	1680
cttgtctctc	aggcccgcctc	caagaatcac	ctagtgcagc	tactacagtg	aacccacgc	1740
agggatatcc	acgtggaaca	ttttctggcg	tcccggacgc	gtgggtcnac	cgngnattcg	1800
aggcgatcga	cggcttcagc	ccct				1825

<210> 7772  
 <211> 3293

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc feature  
 <222> (2808)...(1612)  
 <223> similar to gi929660 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7772

tttttttttt	ttagcatgta	attctatttt	tattttcttga	ctacataacc	tagcaggggt	60
ctaatactga	ccgtttcaat	ttaaagtctg	gaaaaatact	gaccaagact	ttctgtgaaa	120
aagataatgg	aaaacagaaa	ccagttagta	aagccatgca	aataggaagt	gattttcagc	180
cccaagagga	ctttgtatca	tctatggctc	catttaaacc	caagtagcat	ctgtcctggt	240
ggattttgaa	catccttttg	atttaacaca	gaagaagggt	tgttctaccc	tttaaaagca	300
tatcctcttt	tttcccccaa	cagactcctc	aacaagtggc	ttctaagaca	agactggggt	360
tgttttctta	ctgaaaatcc	tgtgtttatc	cagtcttttc	cttttcaatt	tctgagttta	420
gcttacctaa	cagcaaaaaca	gaatcctcaa	atttctcaca	gagcaatgaa	aagcaaaaaca	480
gttggtttct	ctgatcaaca	tcattttcag	tatgaaaaca	aaagttatga	ctcctagacc	540
tttgaaatat	ttacaaattg	tacttttaac	aacggagatt	tttcagtgtg	cttctaaaac	600
aaagtaaagg	gatcagaaaa	tgtggttcaa	gtcaagtgtg	caaagctctc	gaagaaaggt	660
cctgcagcct	ggacaggagt	acaaatattc	tcttatacaa	gttaaagtga	cccttttcct	720
ccacaacatt	tttgaaatga	aacagcaaat	gcattttatac	tcacaaatca	gtcaaaaaggc	780
ctcttctcct	tattaagccc	tttacacaca	gatgataaaa	gcaaggtttt	cctacaatag	840
atgtggccct	accacatatt	caagatacaa	tcctcctacc	atcagttagg	ttatgcttta	900
aatattttga	aatcagggtat	ccttaactac	tgatttctct	ttagaaacta	tcttgagtgt	960
tagattttca	taattacacc	attttttaact	tttagctttt	taaacttcta	gacaaactat	1020
atgtttaagc	aaaaacaaaa	ataaaaatcc	tcaaaaaaag	taatatacaga	gttttaattt	1080
caaccagctg	gcacaacaat	gaaagtgtca	gactttctga	aagtactcga	gaaataatga	1140
ataaattctt	aatgttttcc	cctccaccgc	ccttttttat	tctccaagat	taggaattac	1200
tacggattag	gtttttgaaa	ataaagtttc	ctttttggaa	aatggtctac	attcagaaat	1260
gtcttagaac	aagcatttaa	aaaaaactaa	taaataatca	taaatcaaaa	tacattaaaa	1320
taaaattaca	gtacatcatc	gtcctagaaa	aattcaccat	acaagacgat	cctttcaaag	1380
gttcataaat	aaaagtcttc	ttgactcgaa	atcgtttcct	gcatcgtgat	gaaaagtatg	1440
cagaaaacta	agaagaatcg	caagttttca	gtagggtgat	gtccaaaacta	cttgatctgg	1500
tgcgggggcgg	agagactggt	ttgcttttga	tccaagtga	gacaatagaa	atgtgctcgt	1560
cccacttctc	caagtctctc	aaaccttgct	ttgcccggga	gctgcccctt	tcaggcagag	1620
ttggaggtgc	tgcggagaag	ccggtgcccg	tgcggtgctg	agtgcggctg	tgggtgtggg	1680
tgcggtatct	ggtgcggatg	cggtgcccgg	tgagggtgtg	ggtgcgagtg	aggatgagag	1740
tgtggatgtg	gatgtggatg	cggatacggg	tggagctgct	ggggctgagg	cttgggttgg	1800
ggctgaggct	ggggttgtga	ttggggctgg	ggttgctgct	cttctccagc	acgcccctct	1860
tcagcgcttt	gcggtgctgg	ctgcgagggg	ggctgctgct	ggaccagggtg	ctgctgcttc	1920
tgccgcgtgg	atttgaccgc	caggatggcc	tgacgattct	tgtaactgcac	catctgcagc	1980
gtgatctcgg	cgttccagcc	ctggctcttg	gggcaccgaa	agtcgatctc	cttgccctct	2040
gccatcacca	cagtgaagta	catgtacttg	cccttgctgt	ccacacagtc	cacggtcttc	2100
atgttgagga	agtgcagttc	cttgagcttg	accggcggct	cgaggctggc	gacagcgggg	2160
ccactgggtt	gggacggctc	ggccggcccc	tgcccgggct	gttggtgctg	ctgctgctgc	2220
tgtgtgtgct	gctgctgctg	gtgttgacgc	tgcttgggct	ggataagcag	cagcccttcc	2280
tcggtgagga	tgcaacactt	tttcttccag	agctgcaaca	acccgtcgct	gcgcttctcc	2340
agcacgccct	ccttcagcgc	tttgacgcgc	ctactctcca	gcactctccc	agcataagag	2400
gggcccgcgc	ttggctcggc	ctctccgttt	ccagccgcgc	gggcccgggg	cagcagcagc	2460
agcctcgcgc	cgtctctgcc	ccagcggctc	ccacggccgc	ctgcccggag	cgcgagagag	2520
aggctaacac	gcaggaggca	gagcggcggc	ggcggtctct	ggtcccggca	gagggacagc	2580
cgcgtcctga	tgcgccacaa	ggtcccggag	ctccgagctg	ccgggcctct	gccgtcctct	2640

tgcgagcgct	cactgaaggg	cactggccgg	gccccctcgc	ggcgcttttg	aatggggccat	2700
cttccccacc	cccaggtgac	acccagcgga	aaaggcggt	cctggcgccc	gcaccgcggg	2760
ggaaagccca	gctccaagag	gcgctcggca	gccggcgcac	gcctcattaa	cttggggcct	2820
ttccaaagcc	cgctgcgtcc	acgccctcca	gcgtctcttg	ctccgcctct	cgccgcccac	2880
ttgcttccgc	gctcgttccc	ctggaaggcg	acccggaccc	gagccccgga	aactcctctc	2940
ctctacccag	ggcgatcgcc	caaggagccc	tggctgcctg	actactgccg	acgctcacag	3000
ggcgctgcga	ggccatcccc	cgcgtcccgc	ttctccccgg	cccgcgggac	tctctgctaa	3060
cagcctcaga	aagtgaggac	gggggcgcg	aggcgggggc	agcctccagg	cagtgtctgc	3120
tctcggttct	tgggaattag	cccgggggat	tcgcgctggg	ctccgagagc	ccgcagaacc	3180
agcgctcgtg	cctgggagag	ctgggaggcc	ggggccgagt	cccgcgagtc	ccgcgagtgt	3240
gcctcccccg	gacgcctagg	taaacaactg	agcgcacaga	ggccgagagg	act	3293

<210> 7773  
 <211> 1941  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1942)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (668)...(302)  
 <223> similar to gi780241 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7773	
tttttttttt	ttctaattta attctttatc attcaagtag agagacaggc atttttccaaa 60
gcaaacccaa	ccctcgtgat tattttctagc caggggtgaag ctaagggaagg tagcagtagg 120
tggtaggac	agcaccttgg ttccaggcat cacgccagtc attttatttc catcatcatc 180
cttgtgaaga	aatggaagtc tggagagggtg aaatgatgaa ggcaatctgg ccacaaatct 240
tccttctgga	tcctgctctt cagggcatgc atctcccatg ctgaagggtta aaatgggggt 300
catttgccaa	caaatttggg agtccgcttc tccctgaagg ctgccatgcc ctctagccgg 360
tcccggttg	gaatattctg ggcatagcac atcccttcaa tggccatccc agatgcaatg 420
tccacctcg	ttcctcggtc aatggctact ttgcccagcc gcacggcaat gggggcctgg 480
ggcaggatct	cctggggccag tgctcgtgcc cgctggtagg cggcgctccc ctctcgttc 540
tgggccacag	cgtgattcac cagccccagt acgtgggcct cagttccact cagtcgtcgg 600
cccgtaaga	tgagctcctt cgccagggcc acccccagac aacggggcag cctctgagtc 660
cctcctacca	ggatggaggg agcagggtgg gaatcagcat gggaagtggg aaccagaga 720
aggctcagcc	tgggactcag ccaagacttc tcagaggagc agggttcagg tgggagggca 780
gagcccagaa	cagagggcaa aaaaggaaag cagcgaaggga ccctggatgg ggtggaattg 840
ggcggtgct	gtagttgcga ttacctgcc cgggaggag ccctcgcgtg gtctcaatca 900
gtcccatgac	tgccaggaa gctgctcaga tagaacaagg tgaggcctcc ctcccccatc 960
cggccccca	gtgctaattc cgggggccac agctgcctct gctgtctact cgccccctta 1020
gccacttgcc	ccatggtctg gccacagcca ggctctcca gactctgcct ttggaagagc 1080
cctagcccag	aagtcaggag ccagggcctt tatttcacca tgcccccttg atggagttgt 1140
aagtcaccag	caagtctcac ccttcccaag cctcaaagggt ggaagaaaga tggctggccc 1200
tcttctgtct	gcttcagaga gccgctaagg atcacacgag gtacgacgct tggacaacag 1260

agagttccta	ggaggtgccc	catatctatt	tgtggattac	tattaatagg	ttctctggct	1320
tagccctggc	ctggcctaga	atgtcagtga	ctcctgctcc	tgctacagtc	gtccgttcca	1380
gctttgtcac	agcctgaaat	tgccctgact	gttccagtcc	atgtcctcct	gagttctgct	1440
tccttccttc	gagaaacttg	ccttgactga	cgcaccccc	cgggtctgtc	tccttttctg	1500
aattccctca	gcatggacca	tgtgaacgtg	ggcagaaggg	agtgggtttt	acattcactc	1560
cgtcttagtc	ttccccaaaa	ccctgtgagt	tagttgcgtg	aacgtgggca	tgtgagaagg	1620
agagttgggg	ctagaccagc	ctggatattt	ggtgcctgga	cacctgggtca	gttccttctc	1680
tttgacctgc	attgtgtaga	cagaagctac	tttcatgcct	ggagctacac	atTTTTatat	1740
gttgctcctg	gggtggcagg	agagagcgg	ggggggagaa	gggaagacat	tcagactttg	1800
cctaactgca	tccaagaagg	ctgctcctaa	tcaccagggtc	agtcacctga	gaaaatgatc	1860
agttatcttc	tttatccctc	cccattcttc	aaacaaagct	caatgaattg	cccttcaatg	1920
atatgatctc	aaangggctc	c				1941

<210> 7774

<211> 1120

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (148)...(455)

<223> similar to gil049295 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7774

accgttcgat	aaccctcggg	tcgacccacg	cgtccgctgt	gctgcgcggc	gcggcgcggc	60
gcggcacggc	acggtgggag	tgtctccggc	tggcctgcag	ggagaacacc	gactgagacc	120
tcaaaccctg	gctccagtgt	catggaatcc	gtcacctttg	aggatgtggc	cgtggagttc	180
atccaggagt	gggcattgct	ggacagcgca	cggaggagcc	tgtgcaaata	caggatgctt	240
gaccagtgca	ggaccctggc	ctccagggga	actccaccat	gcaaaccag	ttgtgtctcc	300
cagctggggc	aaagagcaga	gccaaaggca	acagaacgag	ggattctccg	tgccacaggt	360
gttgccctgg	aatctcaact	taaacccgaa	gagttgcctt	ctatgcagga	tcttttggaa	420
gaagcatcct	ccagggacat	gcaaattggg	ccggggctgt	tcctgaggat	gcagctggtg	480
ccctccatag	aagagaggga	gacaccattg	actcgagagg	accggccagc	tctccaggag	540
ccgccttggt	ctctgggatg	cacgggactg	aaggccgcta	tcagattca	gagggtggtg	600
ataccagtgc	ctacactggg	ccaccgcaac	ccatgggtgg	ccagggattc	tggtgagtga	660
gtgctgcgtg	gaacacgtgg	ccagagggcc	ctgctgtcct	tgtgttctgt	ccaggaactt	720
gtatcctatc	ctgcctgcat	ttcctctgac	tgcaggcact	gccgtggcac	catagagagg	780
atacagaagg	cctctctcat	tatttgtgtg	tttaagtggg	agggcacttc	cagtgcacaga	840
tctttaagaa	agagagggct	cactcaacca	cagcaaaggc	cagacctctc	tttgggcaac	900
atgaaattct	tgactacacg	ataatgttga	ttttgaaaaa	ttatgattga	atttactaga	960
aatggcctgt	gttttaactg	tgtttttata	aatgaggttc	aggccgggtg	cagtggctca	1020
tgcttttaat	cccagtgtct	tgcaaggcct	aggcaggagg	attgcttgag	gccaggagtt	1080
caagaccagc	ttgggtaaca	tggtgagacc	cctatttcta			1120

<210> 7775

<211> 2745  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (51)...(1236)  
 <223> similar to gi577315 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7775

gtcgacgatt	tgggtgtgct	ccctcccgcc	gccgcctctt	cctcggtgag	gcgctcttcc	60
agcgggcagg	cagcatggcg	gccgtggaga	cgcgggtgtg	cgagacagac	ggctgcagca	120
gtgaggccaa	gctccagtgt	cccacttgca	tcaagctggg	catccagggc	tcgtacttct	180
gctcgcagga	atgtttttaa	ggaagtgtgg	ctactcacia	gttactacat	aagaaagcaa	240
aagatgaaaa	ggcgaagcga	gaagtgtctt	cctggactgt	ggaaggtgat	attaatactg	300
acccatgggc	aggttatcga	tatactggta	aactcagacc	acattatcca	ctgatgccaa	360
caaggccagt	gccaagttat	attcaaagac	cagattatgc	tgatcatccc	ttaggaatgt	420
ctgaatctga	acaggctctt	aaaggctact	ctcagattaa	attactctca	tctgaagata	480
tagaagggat	gcgacttgta	tgtaggcttg	ctagagaagt	tttggatggt	gctgccggca	540
tgattaaacc	aggtgtaact	actgaagaaa	tagatcacgc	tgtacactta	gcatgtattg	600
caagaaattg	ctacccttct	cccctgaatt	attataattt	cccaaagtct	tgttgtacct	660
cagtgaatga	agtcatttgc	catggaatac	cagacagaag	gcccttacia	gaaggtgaca	720
ttgttaatgt	ggatatcact	ctttatcgca	atggttatca	tggggacctg	aatgagacat	780
tttttgttgg	agaagtggat	gatggagcac	ggaaacttgt	tcagaccaca	tatgagtgcc	840
tgatgcaagc	cattgatgca	gtgaagcctg	gtgttcggta	cagagaattg	ggaaacatta	900
tccagaagca	tgcccaagca	aatgggtttt	cagttgttcg	aagctattgt	gggcatggaa	960
tccacaagct	ttttcataca	gctcccaatg	taccccaacta	tgctaaaaat	aaagcagttg	1020
gagtgatgaa	gtcggggccat	gtattttacia	ttgagccaat	gatttgtgaa	ggcggatggc	1080
aggatgaaac	ctggccagat	ggttggactg	cgggtgacaag	agacggaaag	cggctctgctc	1140
agtttgagca	caccctcctg	gtcacagaca	ctggctgtga	aatcctaacc	cggcgacttg	1200
acagtgcacg	gcctcacttc	atgtctcaat	tttaatttct	cccaagatgg	cacatctcag	1260
taccttctta	ctgtgctatg	catttttattg	agagtacaga	aaggaagagg	aacctttttt	1320
taatcacttg	ttttgttttg	actatagata	agaaaggact	acagcatttg	atgtgtgtcc	1380
tcaagaactt	gtcttgggtc	tgaaaaagct	gagaagaata	aaggaaacat	tgctcaactc	1440
ttcagccccc	tccccctgca	cacctgtttt	ctcattttgcc	ctttgagcac	ttttacttaa	1500
acttgcttgt	agttgctttt	atcactgccg	caaaacagcc	atcaagagcc	atctgctttc	1560
caggtgaaca	ttggaaatga	gaatctttga	aacttagcaa	tatgtgttgc	accagatttt	1620
ttaaattata	tatatggaaa	tatatatgta	tacattttaa	gttctgtata	cataattacc	1680
aaacactatg	tgacctggag	tttgtgttgt	ttctgctctg	acaggtttat	atgttctttac	1740
aaatggatcc	atagtttgca	gtgattttaat	tcctggttgg	gatttggcct	cccctctccc	1800
ccatgctaata	tattttacccc	ttgtaaattg	tggcataggg	aagcactcac	ccaatgagac	1860
tttctccaat	gtggactctg	tgtgtcagtg	aatgaatgta	gtaaaaattca	ctttggaagg	1920
gttatcaggc	ttttaaaaat	ctagttttatg	ggcaaaaaata	gccattttcc	aagtgggtggc	1980
tgactgtttgc	agggaatgag	aattttcataa	tacactgcta	tttcagacct	ctgtttgggtc	2040
agaaatggaa	aagaaaaagc	cccctttctt	cccttttctg	ttttacttca	agggcatacc	2100
ttggaggtgc	tcagagaagc	gtgaagtttg	cactatggtg	gaggatgggg	aaagagttct	2160
aaagtgtctc	cagctgtgaa	cccaggaggt	caagtgggct	attaaaatct	aacgttgagt	2220
aaatgtgata	gtgatgagaa	aggaattttg	tgtactgtaa	ccttgacgta	gagatgcagc	2280
tgtccttcgt	gtgtggaaac	acacctctcc	tttacatagt	tgggaacctc	attagaaatg	2340
acctcagctg	ccccatatat	acgttccttt	ccagcagttg	tcccaagtag	gagtgtatcc	2400
aagtgaagac	atatcaaatc	acaaagtcac	tgtcattaga	gtgtacttga	ttacctgggc	2460
atccttgtaa	tataatttca	taccactgac	acattatact	tgtaagagaa	catctttccc	2520
agagtgcctc	agaccttatt	gcttttaaaat	ataataatgt	tttcattact	tttattattt	2580

gaatgattta	gtaaagttga	ctgaatctgg	tatagacttt	gggagtatgt	gtgtgaagtt	2640
tttatcaaac	tgtaatat	gtgaatggaa	tgccctgcaa	tatgaatggt	aatataatgt	2700
gtaaagggag	attaaaaagt	ttgaatgatt	atcctaaaaa	aaaaa		2745

<210> 7776  
 <211> 2222  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1997)...(1560)  
 <223> similar to gi2959370 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7776						
gtcaaaaggg	ctgtagcaca	ggatggagtt	tgattttatcc	ctcctccccc	aacacctagg	60
aactgaatct	ttttcttttt	attttttgag	atggagtcct	gctctgttgc	ccagctggag	120
tgcagtgggtg	tgatctcagc	ttactgcaac	ctctgtctcc	cgggttcaag	caattctccc	180
atctcagcct	cctgagtagc	tgggattaca	ggcacacacc	accacacctg	gcccagctaa	240
ttcttttttg	tatttttagt	agagacgggg	tttcaccatg	ttgcccaggc	tggtctcgaa	300
ctcctgagct	caggtgatcc	acccgtcttg	gcctcccaaa	gtgctggatt	acaggcataa	360
gccactgtgc	cgggcctgaa	tcttgtcttt	tgacaatacc	aaagaaatag	ggggtagcta	420
gagtaaagaa	cctagggcct	ggacctgggc	tggacagtgt	atcccttttag	gtgtgggaac	480
tgggtatttc	cctggggctc	gtatgccttt	gtcttgtcat	ttgcttttag	ggcagatgac	540
actttttccc	acccttttaa	agctacaagt	ctatcttctt	tcttgaccca	tttcaggagg	600
gagccctctc	ctttatcctg	atataatatt	taaaagacag	aacaagaaag	catgtagccc	660
taatgatagg	agattatcgc	atagagttca	gagactggaa	actgaatttt	ccctcgactt	720
tcactttgtg	ggtaaatacc	ccaatttttag	gctcttttct	gcaaggatgg	ccaaaattaa	780
tcatttttaa	aaagtagatt	catgcccact	gcccttgggt	gagggggaag	aatacggggg	840
ttcccagaag	cccccatgtg	atccaagggt	ttgtattttt	tttttaagtt	tgttcatatt	900
tgatatgtaca	tgactattta	aagccagggg	attatctttc	tataaatgta	taactggcaa	960
cctgtatctt	ccctctttgt	tgcccatata	gccggagccc	tttttctcat	ttgagaatct	1020
cttccctact	aagtgttaag	cttagagtga	agggcacctc	ctactggacc	aaaggagagg	1080
ggattggaga	attgttttaa	gttttatata	ttaaggacag	aattccatct	tcccaccccc	1140
agccttattg	aggacagctc	tctacccatc	ctgattaaac	tgacagtata	gctgaaaaaa	1200
attattgtaa	gaaaaatata	cagcaaaaaca	gagctgggaag	gtggtaagtg	taaaagatat	1260
ggaaagatgt	aatcaccaaa	gaagctgccc	aaatggcttc	ctgctatgga	ggagagtgat	1320
ttggccctta	cctcacctgc	cttctctgatt	caaagaaact	tgccactagc	aggactgggc	1380
ccaggagccc	catttgccaa	tctcttctct	tcttgggagt	ctgggaaagg	ttgtatagtt	1440
ctcaggcttt	aaaggtgtag	aagacagtat	ggagaataag	agaaggatgt	tttatagtcc	1500
tctgtttcag	tgccctcccc	atgcccatgg	agctgtccca	aaacccatcc	ctcagtattt	1560
gttgatgcca	aagacacgaa	ccccatggaa	ctggggcaac	ttcggcagca	gtacacttag	1620
caatgaggct	gtgttgatga	ggaagtgcgc	agcatcatat	ttggtataga	agctggccag	1680
gagatagagc	acaataggag	agatgctgag	gaacttgctg	gaagaggtaa	actggagccc	1740
atagtccatt	tgctcccagt	gtgtcagtag	ccgagccttt	ccttgggtcag	gagtctcaaa	1800
gggtgtccct	ttcacctgat	gaaggaagac	atacgtagcc	aggttatgga	tgacgttggg	1860
cagggtccag	acaacaggaa	tgctgaagaa	ggggatgctg	agtagaacca	tatgcagcaa	1920
tcctaccaag	atgatgtagg	ccagccagat	gcctcggcta	ttcatcactc	gggtgttggg	1980
gtttacttcg	ctgtgtgcca	ccccacatt	catcctgcca	gctcagatcc	ccgtccggct	2040

atggg'gcgcgg	cgccgggctac	cacacctgaa	gtctccagga	agtaacgcct	ctccttctgc	2100
ccctttccta	ttggagggaac	agaatcagcg	ctgccaccac	ccattgggtg	gtggtctgta	2160
atgcagaagc	acagttgggt	gccatttctg	tcgttcgcaa	gatacagtgc	ccgccccctc	2220
cc						2222

```

<210> 7777
<211> 1584
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (249)...(969)
<223> similar to gi5815233 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7777						
tgggatagcg	cgcgaggccc	tcggtcggac	gggacgctcg	ggattcaggg	actgcctcgg	60
cacacgggaa	gttgccctac	aggcgcggga	gaaagcgag	gcggcggcct	ggcagggaga	120
ggcaggctgc	agtgcacatt	gggtcaggca	cacgcgaggg	gcagcccccg	agggccgtcc	180
cagagtcccc	cgcgcgcgcg	gggtcctaac	ggggtgcacc	gtcttcgcgc	gcacgtggat	240
tcagcgcgat	gccccaaatcc	aagcgcgaca	agaaagtctc	cttaaccaaa	actgccaaga	300
aaggcttgga	attgaaacaa	aacctgatag	aagagcttcg	gaaatgtgtg	gacacctaca	360
agtacctttt	catcttctct	gtggccaaca	tgaggaacag	caagctgaag	gacatccgga	420
acgcctggaa	gcacagccgg	atgttctttg	gcaaaaacaa	ggtgatgatg	gtggccttgg	480
gtcggagccc	atctgatgaa	tacaaagaca	acctgcacca	ggtcagcaaa	aggttgaggg	540
gtgaggtggg	tctcctgttc	accaaccgca	caaaggagga	ggtgaatgag	tggttcacga	600
aatacacaga	aatggactac	gcccgagctg	gtaacaaagc	agctttcact	gtgagcctgg	660
atccaggggc	cctggagcag	ttccccact	ccatggagcc	acagctcagg	cagctggggc	720
tgccccccgc	cctcaagaga	ggtgtggtga	ctctgctgtc	tgactacgag	gtgtgcaagg	780
agggcgatgt	gctgacccca	gagcaggctc	gcgtcctgaa	gctttttggg	tatgagatgg	840
ctgaattcaa	ggtgaccatc	aaatacatgt	gggattcaca	gtcgggaagg	ttccagcaga	900
tgggagacga	cttgccagag	agcgcactct	agtccacaga	agagtcagac	tcagaagatg	960
atgactgaaa	gggactcggg	actgaaggtc	tcctggaagc	ttctgggtct	cactggacca	1020
tcaggactgc	tgccgcccct	ctggagagag	cagcttttta	tttgtctgta	gacagggaac	1080
atgatgggca	ctgacctcct	gtaaagaata	aaactgtggg	ccgggcgcgc	tggctcacgc	1140
ctggaatccc	agcacttttg	gaggccgagg	tgggcagatc	ataaggtcag	gagattaaga	1200
ccatcctggc	taacacggtg	aaaccccgtc	tctactaaaa	atagaaaaaa	aaactagtgt	1260
ggcatagtgg	catgtgcctg	tagtcccagc	tactcaggag	gctgaggcag	gagaatcact	1320
tgaacccggg	aggtggaggt	tgccgtgagt	tgagattgga	ccactgctct	ccagcctggg	1380
caacagagta	aaactctgtc	ccaaaaaaaa	aaaaaataca	accttcagag	atgtctctcc	1440
tggagacagc	aagaggggaag	aggagggaga	gggctctttc	ttagaaaaga	ggcctttggg	1500
gagcccagaa	gtttgaaacc	agcctgggca	attcagcaag	atcccgtctc	tacaaaaaat	1560
aaaaaaaaat	tagtcgtggt	gccca				1584

<210> 7778

<211> 1072  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1006)...(96)  
 <223> similar to gi825689 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7778

tttttttttt	ttaagttgaa	aaataccttg	tttaagacct	ccctgggacc	cacaggggca	60
cgtgtggcgc	taagcctgtg	gcagcccaat	cgtagacctt	tttcttcttt	gagcctctct	120
aagtacatct	gcagggactt	ctggatggag	tctttggaga	tgaagctgac	gaagttctgc	180
acgtccgcat	cgcgctgcgt	gaccaggcgg	ctggccgtgg	cctttcgcgt	catggccttg	240
gtcagctgtc	gagcatggtc	tggaaatggc	atccactggg	ctatcgctga	cagcgcagtg	300
ctctgcacct	gctcctccgg	gaccacctgg	tccactatgc	ccacctgcag	ggcctccgcc	360
ggcgggaaga	gcagccccag	ctgcagggca	cgctccgccg	cccggtgccc	gatggtgttc	420
tccaggggtg	ctttcaacca	gaaaggggcg	atgatgccca	gctgggtctc	attgagtcct	480
atgcagtacc	tgggggtgtc	cgccaggatg	cggtagtac	aggtcagggc	caccaggcag	540
cctccagcgg	ggcaggctcc	gttgatggcg	gagaccagca	ccagggttga	ctggtacaac	600
cgcagccaca	gctcctgaac	ggccttccag	taccagcgt	agtgggcggg	gctcctccca	660
cacatctccg	tcagggtccag	gccggccgag	aagacaccgc	ggcgggtccga	ggtcagaatg	720
acaccgcgga	agctcttgtc	attctccagc	ttctccaggc	tgatgaccag	ctccgtcaga	780
aactccaggc	tcaggctgtt	cactgggggg	ttcttgaatt	tcatcacagc	gaccctgcg	840
ccgcgctccg	gctccaccag	caccgcgtgg	ctcccgaaag	gccgcgcgcc	gtctccgcgc	900
ccggccgccc	gctccgtccg	cccgagggcc	ggcggcgcca	gcccgggccc	cgcccgaggc	960
agaacgcgcg	ccgggactcg	cacagaagcc	accagcgcca	tcttgaccgc	aacgcgcggg	1020
ataaagggtc	cgggctgagc	tcgcctcctg	gggagggggc	ggcacgcaac	ta	1072

<210> 7779  
 <211> 1878  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (109)...(1108)  
 <223> similar to gi4895164 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7779

gccaacatct	tatcatctcc	ttctaaaaga	ggacagaagg	gtaccctaata	tgatattctt	60
cctgaaggaa	cacctcttta	taacttcatg	ggtgatgctt	ttcagcacag	ctcccagtc	120
atccctagat	ttattaagga	atcactaaaa	caaattcttg	aggagagtga	ctctaggcag	180
atcttttact	tcttggtgct	gaatctgctt	tttacctttg	tggaattatt	ctatggcgtg	240
ctgaccaata	gtctgggcct	gatctcggat	ggattccaca	tgctttttga	ctgctctgct	300



ttagtcatgg	gactttttgc	tgccctgatg	agtaggtgga	aagccactcg	gattttctcc	360
tatgggtacg	gccgaataga	aattctgtct	ggatttatta	atggactttt	tctaatagta	420
atagcgtttt	ttgtgtttat	ggagtcagt	gctagattga	ttgatcctcc	agaattagac	480
actcacatgt	taacaccagt	ctcagttgga	gggctgatag	taaaccttat	tggatatctgt	540
gccttttagcc	atgcccatag	ccatgcccat	ggagcttctc	aaggaagctg	tcactcatct	600
gatcacagcc	attcacatca	tatgcatgga	cacagtgacc	atgggcatgg	tcacagccac	660
ggatctgcgg	gtggaggcat	gaatgctaac	atgaggggtg	tatttctaca	tgttttggca	720
gatactcttg	gcagcattgg	tgtgatcgta	tccacagttc	ttatagagca	gtttggatgg	780
ttcatcgctg	acccactctg	ttctcttttt	attgctatat	taatatctct	cagtgttggt	840
ccactgatta	aagatgcctg	ccagggttcta	ctcctgagat	tgccaccaga	atatgaaaaa	900
gaactacata	ttgcttttaga	aaagatacag	aaaattgaag	gattaatatc	ataccgagac	960
cctcatTTTT	ggcgtcattc	tgctagtatt	gtggcaggaa	caattcatat	acaggtgaca	1020
tctgatgtgc	tagaacaaag	aatagtacag	cagggttacag	gaatacttaa	agatgctgga	1080
gtaaacattt	taacaattca	agtggaaaag	gaggcatact	ttcaacatat	gtctggccta	1140
agtactggat	ttcatgatgt	tctggctatg	acaaaacaaa	tggaatccat	gaaatactgc	1200
aaagatggta	cttacatcat	gtgagataac	tcaagaatta	cccctggaga	ataaacaatg	1260
aagattaaat	gactcagtat	ttgtaatat	gccagaagga	taaaaattac	acattaactg	1320
tacagaaaca	gagttcccta	ctactggatc	aaggaatctt	tcttgaagga	aatttaaata	1380
cagaatgaaa	cattaatggt	aaaagtggag	taattattta	aattatgtgt	ataaaaggaa	1440
tcaaatTTTT	agtaaacadg	atgtattaca	tcatcttcga	aaatagatat	gatggattct	1500
agtgaagacc	aaaattactt	ctgtttactt	tctatcagga	agcatctcca	ttgtaaatat	1560
gtattttacat	gtttattaca	aagacccaaa	tgaaaaatTT	ttagtccatt	ttttgcatag	1620
cctaaagata	aaataggaat	aaaaagttct	atattttatg	attttctgta	tataaaactg	1680
gttttctaatt	ataacttaag	tccattaaag	aaaatctgta	ttgccccttt	aaatgtaaac	1740
taaattatTT	gggagaaact	tcaacccctg	atatgagata	agcaatgaga	atagggaagt	1800
gtataacatc	ccagtttttg	atgtattaca	aaaatcaccc	cctctataaa	atgaattttt	1860
tttacattat	ggtaaaaa					1878

<210> 7780

<211> 2819

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (126)...(716)

<223> similar to gi5730476 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7780

tccctcagcg	tccggccgag	gcgcggtgta	tgctgagccg	ctgccgcagc	cggctgctcc	60
acgtcctggg	ccttagcttc	ctgctgcaga	cccgcgggcc	gattctctct	tgctctccac	120
gtctcatgaa	gccgctggtc	gtgttcgtcc	tccgcggccc	cggcgccggc	aaggggaccc	180
agtgcgcccc	catcgctcag	aaatatggct	acacacacct	ttctgcagga	gagctgcttc	240
gtgatgaaa	gaagaaccca	gattcacagt	atggtgaact	tattgaaaag	tacattaaag	300
aaggaaagat	tgtaccagtt	gagataacca	tcagttttatt	aaagagggaa	atggatcaga	360
caatggctgc	caatgctcag	aagaataaat	tcttgattga	tgggtttcca	agaaatcaag	420
acaaccttca	aggatggaac	aagaccatgg	atgggaaggc	agatgtatct	ttcgttctct	480
tttttgactg	taataatgag	atttgtattg	aacgatgtct	tgagagggga	aagagttagt	540
gtaggagtga	tgacaacaga	gagagcttgg	aaaagagaat	tcagacctac	cttcagtcaa	600

caaagccaat	tattgactta	tatgaagaaa	tggggaaagt	caagaaaata	gatgcttcta	660
aatctgttga	tgaagttttt	gatgaagttg	tgacagattt	tgacaaggaa	ggctaattct	720
aaacctgaaa	gcacccctga	aatcatgctt	gaatattgct	ttgatagctg	ctatcatgac	780
cccttttttaa	ggcaattcta	atctttcata	actacatctc	aattagtggc	tggaaagtac	840
atggtaaaac	aaagtaaatt	tttttatggt	cttttttttg	gtcacaggag	tagacagtga	900
attcaggttt	aacttcacct	tagttatggt	gctcaccaaa	cgaaggggtat	cagctattttt	960
tttttaaatt	caaaaagaat	atccctttta	tagtttgtgc	cttctgtgag	caaaactttt	1020
tagtacgcgt	atataccct	ctagtaatca	caacatttta	ggatttaggg	ataccgcgtt	1080
cctctttttt	ttgcaagttt	taaattttcca	accttaagtg	aatttgtgga	ccaaattttca	1140
aaggaaacttt	ttgtgtagtc	agttcttgca	caatgtgttt	ggtaaacaaa	ctcaaatgg	1200
attcttagga	gcatttttagt	gtttattaaa	taactgacca	tttgctgtag	aaagatgaga	1260
aaacttaagc	tttgttttac	tacaacttgt	acaaagttgt	atgacagggc	atattccttg	1320
cttccaagat	ttgggttggg	ggcactaggg	gttcagagcc	tggcagaatt	gtcagcttta	1380
gtctgacata	atctaagggt	atggggcaag	gatcacatct	aatgcttgtg	ttccttatac	1440
tctattatat	agtgttattc	atgattcagc	tgatcttaac	aaaattcgta	gcagtggaaac	1500
cttgaaatgc	atgtggctag	atttatgcta	aaatgattct	cagtttagcat	tttagtaaca	1560
cttcaaaggt	ttttttttgt	ttgttttcta	gacttaataa	aagcttagga	ttaattagaa	1620
gaagcaatct	agttaaattt	cccatttgta	ttttattttc	ttgaatactt	ttttcatagt	1680
tatttgttta	aaaagattta	aaaatcattg	cactttggtc	agaaaaataa	taaatatatc	1740
ttataaatgt	ttgattccct	tccttgctat	ttttattcag	tagatttttg	tttggcatca	1800
tgttgaagca	ccgaaagata	aatgattttt	aaaaggctat	agagtccaaa	ggaatattct	1860
tttacaccaa	ttcttccttt	aaaaatctct	gaggaatttg	ttttcgccct	actttttttt	1920
cttctgtcac	aatgctaagt	ggtatccgag	gttcttaata	tgagatttaa	aatcttaaaa	1980
tgtttcttat	tttcagcact	tacatcattt	ggtacacagg	gtcaaataag	gcaaataaatt	2040
ttgtctttgt	ataatagatt	tgatatttaa	agtcactgga	aataggacaa	gttaatggat	2100
gtttttatat	tttaatagaa	tcattttatt	ctatgtgtta	tgaaattcac	ttaatgataa	2160
atttttcaac	atacttgcca	ttagaaaaca	aagtattgct	aagtactata	acataattggc	2220
cactaaaatt	catattgaga	ttatcttggg	ttcttggaag	agataggaat	gagttcttat	2280
ctagtgttgc	aggccagcaa	atacagaggt	ggtttaatca	aacagctcta	gtatgaagca	2340
agagtaaaga	ctaaggtttc	gagagcattc	ctactcacat	aagtgaagaa	atctgtcaga	2400
taggaatcta	aatattttata	gtgagattgt	gaaagcaacc	ttaaagtttt	gaagaagact	2460
gatgagacta	ggtgctttgc	ttcctttcat	caggatatct	tctgtggcat	ttgagaacag	2520
aaaccaagaa	acatggtaat	tactaaatta	tgaggctttg	ctttttgttt	gcttttaagt	2580
agaaaaacat	gttggcaaca	ttgagttttg	gagttgattg	agataatatg	acttaactag	2640
ttttgtcatt	ccatttggtta	aagatacagt	caccaagaat	gttttgagtt	ttttgaaaga	2700
ccccaattta	agccttgctt	attttttaaat	tatttccatt	cagtgatgtt	ggatgtatat	2760
caattattta	gtaaataatc	tcaataaatt	ttgtgctgtg	gccttttgcta	aaaaaaaaa	2819

<210> 7781

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (344)...(122)

<223> similar to gil825645 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7781

tttttttttt	ttcaacatct	aagtctttat	taaggtgagt	ttttacaaac	aagcatctat	60
cccagtgtgg	gggatgagga	tgggagagga	aagcggggca	ggaagatgag	gattctcatc	120
tattgataat	aaagctccag	gttcattcca	tcgtggattt	catagtcccc	cagagacacg	180
tggtccttaa	aaatcgtgta	ccacttcttc	aggacaatct	tgttccaacg	ggtaccagtt	240
tgggctgcaa	tcagcttctt	aagggtccccg	atgggtatcat	ccgtgttgca	tttaacgcgg	300
accttcttcc	ccagacggtc	gttgcaaaaca	acctcgatca	tcctagctgg	agctcgaatc	360
gcctcgaacc	tgccgacgcc	accagctcct	caccgcagcg	ctgaacccccg	gtcgcagtta	420
acgctaggaa	ccctcgtgcc	gaattcttgg	cctcgaggq			459

```
<210> 7782
<211> 1479
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (503)...(1307)
<223> similar to gil495421 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7782					
ggcacgaggg	ctgaactgct	gagtctgaca	cttaacagga	cttcggcatt	cccctgaata	60
cagactagat	cagagatttt	atTTTTTTaa	ttgaaaagta	acttgggttc	tcttttagaaa	120
cccttatttg	gtgtgcgcac	ctggctatTT	cacagagatt	tcagtTTTgc	aaagaagtcg	180
gagttgattt	ctccctcag	acaagctatt	ggttgttggt	gggcaacaga	agttgctcag	240
catagacagg	ggaaaaaacg	gttacggatg	agactgaaag	aaaacctcaa	aggagaactc	300
tgagaattca	tctcaggatg	aagctgcaag	ggcaaaggag	aagtacttgt	gacacaagca	360
aatgggtcca	ttgatcaaca	gatgcaagaa	gattctttct	ccaactactg	tacctcctgc	420
aacgatgaga	atctggctcc	ttggaggcct	gctgccattc	ctgctgctcc	tctctggcct	480
gcagagaccc	acagagggtt	ctgaggttgc	aattaaaatc	gacttcgact	tcgcaccagg	540
tctctttgat	gatcagtacc	aaggctgtag	caaacaggtt	atggagaaac	taactcaagg	600
ggattatttc	acaaaagaca	tagaagccca	gaagaatttat	tttaggattgt	ggcaaaaagc	660
ccacttagcc	tggcttaacc	aaggaaaagt	tctacccag	aactgacta	ccacacagc	720
tgtggctatt	ttgttttata	cattgaacag	caatgttcat	tctgacttta	ctagagccat	780
ggcctctgtt	gccaggactc	cacagcagta	tgaacgttca	ttccacttca	aatatttaca	840
ctactacctc	acctcagcaa	tccagctgct	gaggaaagac	agcatcatgg	agaatggcac	900
tctgtgctat	gaggtgcatt	ataggacgaa	ggatgtccac	tttaatgcct	acacaggggc	960
caccattcga	tttggccaat	tcctttccac	atccctcctg	aaagaagagg	cacaggagtt	1020
tgggaaccag	acactattta	ccatattcac	ctgcctgggt	gcacctgtac	agtacttctc	1080
cctcaagaag	gaagtcttga	tccctcccta	tgagctgttt	aaagttataa	atatgagcta	1140
ccaccaaga	ggagactggt	tgcagttgag	gtcaactggg	aacctgagca	catataactg	1200
tcagcttgcta	aaagctttca	gcaagaaattg	catccctgat	cctatagcta	ttgcatctct	1260
ctcgtttttg	accagtgctc	tcatcttttc	caaaagcaga	gtataaagaa	atcttgtggc	1320
tcctttttatt	taaaaaaaat	atttaaataa	aatctttttt	attggccttt	tggctagaaa	1380
tggacattta	ttttccagga	aggatgatcc	catcatactt	ctgctgaaac	cagcgcatgg	1440
ccccctcttt	gctaattatc	ttatgccttt	ccttggaag			1479

<210> 7783  
 <211> 1294  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (258)...(1156)  
 <223> similar to gi205595 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7783  
 aattcgcccg cgctgcagga attctgcacg agcggagtct tattgtgtcg ttatttggac 60  
 aagaggcaca ttgacccaat ttggagacgt attttgggaag gaggtgtgaa aaagacagca 120  
 tgaactttac cccaacacac acccctgtct gcagaaagcg aacagttgtc tccaaacgtg 180  
 gtgttgccgt cagtgggtccc accaagagga ggggaatggc agattcactg gagtcaaccc 240  
 ccttgcccttc ccccggaagat cgtctggcca aactccatcc ttctaaggag ctccctggaat 300  
 attatcaaaa gaagatggct gagtgtgagg cagaaaatga ggacttgctg aagaaactgg 360  
 aactctacaa agaagcttgt gaaggacagc ataaacttga atgtgatttg cagcagaggg 420  
 aggaagagat tgctgaattg cagaaagctc taagtgatat gcaggctctg ctcttccagg 480  
 aacgggaaca tgttttacgc ctctactcag aaaatgaccg actgagaatc agggagctag 540  
 aagacaagaa aaagattcag aatctcttgg ctcttgtggg aacagatgct ggagaagtga 600  
 cctatttttg taaggagcct cctcacaaag tcaccattct ccaaaagact atccaggctg 660  
 taggtgaatg tgagcagagt gaatcttcag ctttcaaagc agatcctaaa ataagcaaaa 720  
 gaagaccatc gagagagaga aaagaaagt ttctgagcatta ccaaagagac atacagacac 780  
 tcatcctaca ggtggaagca ctgcaggctc agctgggaga gcagacccaaa ctttctcgag 840  
 aacaaattga agggctcatc gaggcagacg ggattcacct tgaggaaata caagttcagc 900  
 accagagaaa tcagaacaaa atcaaagagc taacccaaaa tcttcaccac acccaagaac 960  
 tgctctatga gagcacccaa gattttctgc aactcagatc tgaaaaccaa aataaagaga 1020  
 agtcatggat gcttgaaaaa gataatttga tgtcaaagat taagcaatat aggggtgcagt 1080  
 gtaagaagaa agaagataaa attggaaaag tgttgcccggt tatgcatgag agtcaccatg 1140  
 ctcaaagtga atatattaag gtaatgtcct tatgtcgtaa cgaagttgtt tatttttctg 1200  
 ggagagttga aggaattcca aagaacctac aatttgtaat gtaagatcca ttcagtccag 1260  
 gaagctctgg tagcagctgc ctcaagaact aggt 1294

<210> 7784  
 <211> 1150  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1151)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (148)...(569)  
 <223> similar to gi4929751 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7784

tttgaacggt	tgtatgactt	ctgcacgagg	tttccggaag	acgtggcggc	tctcgcttgg	60
gctgtttccc	ggcttcattt	ctcccgactc	agcttcccac	cctgggcttt	ccgagggtgct	120
ttcgccgctg	tccccaccac	tgcagccatg	atctccttaa	cggacacgca	gaaaaattgga	180
atgggattaa	caggatttgg	agtgtttttc	ctgttctttg	gaatgattct	cttttttgac	240
aaagcactac	tggctattgg	aaatgtttta	ttttagaccg	gcttggcttt	tgtaattggt	300
ttagaaagaa	cattcagatt	cttcttccaa	aaacataaaa	tgaaagctac	agggtttttt	360
ctgggtggtg	tatttgtagt	ccttattggt	tggcctttga	taggcatgat	cttcgaaatt	420
tatggatttt	ttctcttgtt	caggggcttc	tttcctgtcg	ttgttgggcn	tttattagga	480
aggagtgcc	agtccttggg	atccctccta	aatttacctg	gaattagatc	atttgttagat	540
aaagttggag	aaagcaacaa	tatggtataa	caacaagtga	aatttggaag	actcatttaa	600
aatttgtgt	tatttataaa	gtcatttgaa	gaatattcag	cacaaaatta	aattacatga	660
aattagcctt	gtaatgttct	ttacaggagt	ttaaaacgta	tagcctacaa	agtaccagca	720
gcaaatagc	aaagaagcag	tgaaaacagg	cttctactca	agtgaactaa	gaagaagtca	780
gcaagcaaac	tgagagaggt	gaaatccatg	ttaatgatgc	ttaagaaact	cttgaaggct	840
atttgtgttg	tttttccaca	atgtgcgaaa	ctcagccatc	cttagagAAC	tgtggtgcct	900
gtttcttttc	tttttatatt	gaaggctcag	gagcatccat	aggcatttgc	tttttagaag	960
tgtccactgc	aatggcaaaa	atatttccag	ttgcatgtga	tctctggaag	tgatgcatga	1020
attcgattgg	attgtgtcat	tttaaagtat	taaaaccaag	gaacccccaa	ttttgatgta	1080
tggattactt	ttttttgtaa	acatggttaa	aataaaaactt	ttgtggttct	tttgaatttt	1140
aaaaaaaaaa						1150

<210> 7785

<211> 1497

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1347)...(882)

<223> similar to gi5825596 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7785

tttttttttt	ttcaaaatgt	ggatattgtt	tacttgaagc	aacagtccag	gatttgtgaag	60
tacaacacat	tttaaggatg	agacttttct	ttcatgggtc	agcaccagca	tcatgcacac	120
agcatcaggt	tattttaaac	aacacgcctg	tgggaccccg	ttcctggagg	aagaccgct	180
tcagtgtgat	tgcctccctt	gcttcactgc	ttttagttcc	aggcagtttc	attgtacatc	240
caagccttcc	tctgcgtgag	agcaaaggct	ttgctcatca	gccagccagt	cttgttacta	300
tctggctact	ttttaagggt	aaaaaataaa	aggcagtttc	tttgctttgc	aggcggcaag	360
gcaggaggcg	caggcctctt	cattgttcac	atgtcacagg	aggaggctct	gagcaaaggc	420
cactggcaag	ttagggcaac	accaagaagg	ctctgcgagg	agactccctg	tgggttgggg	480
cctggcagga	acggtgcctg	tggactgttt	atggtctgtc	cagttgaggc	ttggtaaacc	540
caagtaaagt	gttaaaaacc	tcagtacaaa	agatcctctt	aacacatctg	ggaaccaaatt	600
tatttcttct	taaaaacaca	gtactaagtg	ttcacaagc	ttttccctcc	cattctacta	660

cttggaaaac	acttcatgcc	catggggccc	acagacccca	agagttcaag	ggtcagagag	720
aaacctgttc	ttcaaaagaa	aaaaaaaaaa	gacagcaagt	acataaagtg	cttcttttta	780
atgaaacaaa	tccaagagat	gtacagtcag	gctcaagttg	tgcagttcac	aagcatggag	840
gaaacagaca	gaacgacagc	gttcaggaca	gtcagagcta	acccaagacg	aggctggact	900
tgccgccagg	gggatttctt	ctggatggca	ctggggccgg	ggccaccggg	ctgggcacag	960
gcgcagcagg	cacgggcttc	tcttcaactct	gccccaggct	gcctggcaag	tctgtgtcca	1020
cattttcatg	aatatcacct	tctcccttca	gatctaagaa	gtctccggag	cttgcttcag	1080
aggagttcct	tctctgcagt	ccagatgact	ccaagtcttc	cctgccacca	ctagacttgg	1140
cacctgctga	cttggcccaa	gaagcttgat	tttcttcagg	tgtcccaaag	atattagagg	1200
ccattttgtt	cttcctcaca	ggttgttctg	ttggttcata	aaaacctaat	gaaaaatttg	1260
atccaccacc	tggaggccgc	aaaactcggg	agctattcct	gctgttgggg	tcgactccct	1320
tgaagtggtg	ggttggtggtc	atggcgccga	ggagcgaggt	aggctggcgc	cggagcagaa	1380
cgctcaaagg	gtcgggaaccg	aggggcgctg	ggaaactcca	caccaaacgc	ccgaccaccg	1440
ctgctcgtgc	cgaattcctg	caggcgggtc	tatcgaggcg	ctcattgggg	ccccact	1497

<210> 7786

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$ 

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (1745)$ 

<223> n = a, t, c or g

 $\langle 220 \rangle$ 

<221> misc feature

$$\langle 222 \rangle \quad (125\bar{8}) \dots (123)$$

<223> similar to gil189613 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

<400> 7786

aggtgggggtc ttttaaaagg gccccctttt tttttttttt tgtataaagg cactttattt 60

taaaatcaac acatcctgct tttataaatc agttactctt catttccaac ttccatcacc 120

tgagtttgag agcagagtgc gtggtatddd tctgggctta aggtataaac tgacatggca 180

ttcaagaaca tgtccagcgg gcagagccca tcagggcaac ctctcggcac ctgctccttc 240

ccgtggtaat agagctgcac aaaccactcc ttagattcca ggtgctggta aagttccatg 300

gtcaggtcaa cagcaaacgg tggccatttg tgggtcaaaaa tccccagggt cattaagagc 360

ggtatgaagg tcacatcatg agccgcatag agatacagct ttctgatctt gtcggggggca 420

gtggcagagt ccatggcttt cagcagggttg ctctctagga tgtggaggaa tgggcctact 480

gccatctgaa gactttccct gtcttccttg ggcagtatgt acaaggatgt gtccacagct 540

ctctgttcga tcatccgtgc aaatctcttc agcatggggc agcttgggag gttgtgtgcc 600  
tgcctgggag ggcatttctc ggcgggggct ggcgggggct ggcgggggct ggcgggggct 600

tgctcggcag ccacgtttgtc caggaggatg aagaagtcca ctttatcact actgtcaatg 660  
cccatggtgt gattacggtt tttagcctac tatcagcttc atcctctt 720

cccatccctgt	cccttcacctt	tttcaaattcc	tctgagattc	ctggctgtaa	agaggcagtc	720
tgcctccggc	ctctgattct	ctgcctcagg	ctcagagcgc	ttttctctgtt	ttttctctgtt	730

tgcctccggc cctctggctct cctgcccagc ccccagcagc tctggtagtt gggatacaag 780  
 acttctgaat ctgcttcctc actgtgagtg atgatgggtg ctttttttttt cagatgggag 840

aacccctcgaaat ctgctcttcac c agtgcctggatg atgatggggctt cllcclllctg acactggaaa 840  
 agcccagcca gcaaaccaacg ggtggactcc agattccgaa aatatgttagt ggaagggaata 880

gagccacgccc	gcacacacacg	ggcgggacccc	agatccccgaa	aaatggttagt	ggaacgaata	900
aagacccctcct	gtgggttgaa	ggttggtgaa	agaaaaaggaa	tgtcttccac	atagtttcttc	960

ctcagtcctct ctcccaaggcc aaacattttgc tgcattgccca cctttggtcag ctgcccagca 1020

aacatgcccc ccttcagggt ggtctcatgg tattgagagt cgtaaggaga atatggtttc 1080

```

ggaccaccag ctagattggt gactgtgtaa tcaaactgag tttggggtgg gacctctaata 1140
agctgggggt tccactctac ctgctcctcc agcgggagcg gcttgagagg actccgagcc 1200
ccgtgtcgaa acacgacctg caccattttc aacttcagca ggctgcggtc gaccggacac 1260
tggccatcgg cctcctgcag ctcgccaggg gccaccgcc gctggtgcag gcagtacgcc 1320
agcgaggtca ggacgcccac tggggtccac aagcgcatgc tgaacacacc agtgatcatg 1380
gtggtaggcc ctgctgccc tccgggttga ggctgcagga ggcaaacaca agtcttctgc 1440
gggcgcgggg gctcagcggg cgcccccaag tccgcgggaa cctgcggatg cgtacatcca 1500
gcccttcagc aagcagggac cgctgtgcct cccggccctg agggagaccc cgagtgggaa 1560
cgggggagag aacaagaggt ggcagcagcg aagagtcctt gggagtttta acccgggtcg 1620
gggttggtcg ctctgctgc acaccgggcc gggggagatc ggatccttat cttttgcccg 1680
acgaggaaca ttcattngna cccaagttg gcgnattccn ccgcncctggn gtagtgtact 1740
cgaa 1744

```

<210> 7787  
 <211> 2743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2419)...(1158)  
 <223> similar to gi49680 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7787
tttttttttt aagtggaaac agctatatatt tctacatttc ctttttattc atcctttttca 60
tataattgat gttcttatag aaaactctgt aacagtcatt tcatttaaat attatccgac 120
ctgaaagaaa ccatgaatca gggatcagac aaaaatacat gatcaacttt tacacatttc 180
agtaggtgaa ggaccagaaa gaatcttaga aatcactgag cttcatacct ggctgtacag 240
acaaggaagc tgggacccag agaggggtgca gagttccagg gtaagaggcc cgggtctctaa 300
ccttcagact cactgctctt ttctgtctata ccagggcacc gctgtgcagt catccaggct 360
gccggggact agcttccccg acatggcaac aaaaactaca gaactcgctc acatcttaaa 420
catggccaac cttgactctg ccaagatata aggttttagaa tgagttgcta acattcaatt 480
tacagaattg gatttgaact ggaagacaga ctttccttag cactggtatt tgggtggaagt 540
ttataaactg gtatttggtg gaagttttta cactggctct tataagagct aaaccccggtg 600
tgaggaaagt tgctgtaaca acatcatagc acctttgctt caacttcaaa agaaaaaaag 660
gctatggtaa aaagctttta taacagacaa tgtgatttca taggcaacca attagcagat 720
taatggatca tttaactttc tttaacttaaa accaatactc cactcaagaa agatgaaccc 780
aaaatgcac ctctaacact gaccaacata actaagtaca aatgaagtca atggtgtacc 840
ccattagcat gctgcgttgt atgtcaataa aacaagccct cccccacccc gagccctggc 900
ccctggcaaa acatagataa atgattgtgc actgcgtgat gataccatta ggtgagaact 960
ttggttcatg cagtcggctg ccgcagaggt tgcacccaaa acccgagca cgggcaccca 1020
aagtcagtca gcggtggtgg ctcatggtgt cagccgtgct ccttcacaa caccaggtga 1080
atactgtggt caggcatgct ggtggcaaa accaagcccg tgtcattgtg cccatccagt 1140
ccattcagcc aggatgcttc gcctgccagg aagcttgagc ctctctttga tttcctgtac 1200
tctggcagag gccagcgact aatcaggctc tctgtccgca agtccatgat gtacaggtag 1260
cggttgtcaa acagcagggc aaagatatct ccaaagccaa gcaaggccaa gtttgctatc 1320
tcaggagtct tgatgacctt gagaatatca taactggcaa agtcccactg gtagagacca 1380
agtgtgaac tacagacaat gtatttgcca tcaaaatgaa gtcttggtct caggcagata 1440
cttctatcct cagagacaga caatgtcttt aagcacttac agttgatttc tctcccaatt 1500

```

```

ggccaaatct taatctcata tttgtctgca cttaagagga ttagtctcc aggactgtgc 1560
aagagagact tgactttgca cttctgcaaa actaccttgg tgacccattc cgtgtgcccg 1620
gtgagtgtgt tcaggcatgt cccagcagat aaagcccata ctttcacagt gaagtctgca 1680
gagccgctca ccaagatata cagttcatca ttgtagtcca cgctaaatac cgcccccggtg 1740
tgcccccgaa agtgctgggt cctggctccg gaactccatt cccagcaagc cacagtgttg 1800
tcaaaggagc ctgtcacaag cttctgttca tcaaacttca ccgctgcaca agtggtgggtc 1860
tgatgccat aaacgcactg ccctgtgctc acatcccaca gctttgcaga caagtcatct 1920
gacctgtac agagaagtcc atctttgtag taaagtgcac acactctggc actgtgtcca 1980
attaatgacg aggtttcaaa ggcttcatgg tcctccagtt gcttcattct caaaatagcc 2040
ttcaaataaa ccttcttcca gtgcaaagcg tcctgaacag aatcatctat ctgccagccc 2100
aaatttttac atgcagtctg ccacacctct gtacaggcac ttatcacctt attccactgt 2160
ttagagacga ggcagcatgt gagtaaagtc tgaggatcga gccattttaa caaataaaaa 2220
ctgagctcca ggggaaggag tttgaggaag tcccgcctga ggagagtctc taggttattg 2280
gagagatgcc tgagctggac tgccccactc agactaatca ggtgatccag agtttcattt 2340
ttctgcaagt ccgtcagaga aagaaatgta acagaaatgt tatccagcca tgtctcaaag 2400
tcctttctct ccataagggt atggaaaaat ttacctgttt tcatggcata cccacaatta 2460
tggcgcagta tagcgctttg tacttcataa accacctcat cacacttcat cgtctttcaa 2520
acgtttggta gccctgggac atcactgtta actcatttcg cagctaagga aatggaggca 2580
gtaggaggca gtaactccaa aacctgttt tcccgctctc aaaatccaga tcccatcaac 2640
ccattcgttg ctcccaggtc ccttgctctc ggaatcgtgt tccgcgcggc actgacctga 2700
gcgagcgccc gggggccggg acctcgcgcc gggttcacag cta 2743

```

<210> 7788

<211> 1557

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (193)...(1558)

<223> similar to gi459042 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7788

```

ctgaaaagac actaagaaaa attttacgaa tgggatgaac atgctccagt taattgacta 60
cctactgcaa tttgaatgtt aacattaccc catctggtac agttacctag tgatgtacct 120
attttcacaa taccctgttt cagtgtgctt gtcttgatta aagaattcaa agtggagtac 180
cgcaaacttg atatggaaaa taaaaagaaa gacaaggaca aatcagatga tagaatggca 240
cgacctagtg gtcgatcggg acacaacact cgaggaaactg ggtctatata gtctggagtt 300
ttaatggttg gacctaaact tagagttgga aaaaaaattg gatgtggcaa ttttgagaa 360
ttacgattag ggaaaaattt atacacaaat gaatatgtgg caattaagtt ggagcccatg 420
aaatcaagag caccacagct acatttgga tacagattct ataagcagtt aggatctgga 480
gatggtatac ctcaagttta ctatttcggc ccttggtgta aatacaatgc tatggtgctg 540
gaactgctgg gacctagttt ggaagacttg tttgacttgt gtgacagaac attttctctt 600
aaaacagttc tcatgatagc tatacaactg atttctcgca tggaatatgt ccattcaaag 660
aacttgatat acagagatgt aaaacctgag aacttcttaa taggacgacc aagaaacaaa 720
accagcaag ttattcacat tatagatttt ggtttggcaa aggaatatat tgatccggag 780
acaaagaaac acataaccata cagagaacac aagagcctta caggaaacagc tagatatatg 840
agcataaaca cacatttagg aaaagaacaa agtagaagag acgatttaga agctttaggt 900
catatgttca tgtattttct gagaggcagt cttccttggc aaggcttaaa ggctgacaca 960

```





<210> 7790  
 <211> 1066  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (915)...(209)  
 <223> similar to gi3135314 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7790  
 tttttttttt ttatcatttt aaaaatgtat tttattcaac ttggaaaatg agtacaaatc 60  
 cctgggtggt ttttgtcagg gaggagtggg gaggtaggcag gaaagagaag agggtaggag 120  
 gcaaggtaag gtatgagcat cacagtggct gcctcaagac cctgcccagg gaggggtgggg 180  
 tgggctgggg gttgagcacg gagctcagggt ccggaggaac accatggtga ggaggcccaa 240  
 gacgtaggcg gccaccaact tttgtcccag ggagacgtgc aggacttgag gcagctggct 300  
 gccgagttcg tccgggagtg ggagcagcag gaaggccaca gacacaatcc ccgtcagcaa 360  
 gaagaggagg aaggagctgg tggccagttg ctggcggggg tgctcctgga agtgtctggc 420  
 cgtgggtggt ggtgtcccag caggaggccc tgggcgaggc gctggatctg gctgtccctg 480  
 aagctcaagg gggtagctg gggctctcag aatggaggta atgtccttgc gtcccaccac 540  
 tcggccctca gctccttctc cagacagctc aatgcggaag cggctcctgga catcatagt 600  
 gctgggaatg ggtgccacat ggcgaatcac aatgtcaatg caagactggg gcttcacata 660  
 tccctctgcg tcaaacaccg tgtatttggc aggtgctgtg cacaggactc ggaagcgaag 720  
 cgcagttcct gtggggttat agagggtcag cagctgtcgg ggtccgctcc gctgggtccg 780  
 cctgaatact agatccgggg gaaagaccag gaccgggaca acgggtccca agggaggagg 840  
 ggcgccccgg gacccccgcc cagggggccc cggacccacc agctcctggt cctggggcgc 900  
 cccacggcgc atgcaggctc tgggcggtcg gacatccgag ggcagagctc aggggacagg 960  
 gcctggagtc agagcttgtg gttaaagcac ctgccagtca gcttgtggtc agattaatgt 1020  
 tgccatgttc cagagagtc ttttctatac ttccgcgta cggcct 1066

<210> 7791  
 <211> 3913  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (264)...(1984)  
 <223> similar to gi28969 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7791  
 gctgcgtcca gtgaacactt cagcacctgc agcacagaag ggccaaggag ctgcagtcct 60  
 cgaccagcag gaggtttgct cctcagccca ctcgctgcat ccagatcagc tcacccctct 120

cccttcctg	cccaccagga	ctctgatagc	ccctggcagc	cacagcccat	tttgccaaga	180
tgtctagagt	agccaaatat	cgccggcagg	tgagtgaaga	ccccgacatc	gacagcctgc	240
tggagaccct	gtctcccgag	gagatggagg	agctggagaa	ggagctggac	gtggtggacc	300
cagacgggag	tgttcccgtg	gggctgcggc	agagaaacca	gacggagaaa	cagtccacgg	360
gtgtgtacaa	ccgggaggcc	atgctcaact	tctgtgaaaa	ggagaccaag	aaacttatgc	420
agagggagat	gtccatggat	gaaagcaagc	aagtggagac	caagacagat	gccaagaatg	480
gagaggaaa	gggcagagat	gccagcaaaa	aagccctggg	ccccagacgg	gactcagatc	540
tggggaagga	gccaagagg	ggtggtttta	agaaaagctt	ctctagagac	agagatgaag	600
ctggtggcaa	gagtggcgag	aagcccaagg	aggagaagat	catccggggc	attgacaagg	660
gccgggtcag	ggctgcagtg	gataagaagg	aggcagggaa	ggatgggaga	ggagaggaga	720
gggcagtggc	caccaagaag	gaagaggaga	agaaagggag	tgacaggaa	acaggcttga	780
gcagggacaa	ggataaaaa	agagaggaga	tgaaggaggt	ggccaagaaa	gaggatgatg	840
agaaggtaaa	aggggagcgt	aggaacacag	acaccagaaa	agagggtgag	aagatgaaaa	900
gagcaggtgg	gaacacagac	atgaaaaagg	aggatgagaa	ggtaaaaaaga	ggaactggga	960
acacagacac	caaaaaggac	gatgaaaaag	tcaagaagaa	tgaaccttta	catgaaaagg	1020
aagccaagga	tgacagcaag	acaaaaacac	ccgagaaaca	gacgcccagt	ggccccacca	1080
agccctctga	aggaccggcc	aaggtggagg	aggaggcagc	tcccagcata	tttgatgagc	1140
ctctggagag	agtgaagaac	aatgaccccc	agatgactga	ggtgaacgtc	aacaactcag	1200
actgcatcac	aaatgagatc	ttggtccggt	ttactgaggc	tctggagttc	aacactgtgg	1260
ttaagctggt	cgccctggcc	aacacgcgag	ccgatgacca	cgtggccttt	gccattgcca	1320
tcatgctcaa	ggccaacaag	accatcacca	gcctcaacct	ggactccaac	cacatcacag	1380
gcaaaggcat	cctggccatc	ttccggggccc	tcctccagaa	caacacgctg	accgagctcc	1440
gcttccacaa	ccagcgacac	atctgtggag	gcaagacgga	gatggagatc	gccaagctgc	1500
tgaaggagaa	tactaccctg	ctcaagctgg	gctaccattt	tgagctggcc	gggccccgaa	1560
tgactgtcac	caatctgctc	agccgcaaca	tggacaagca	gagacaaaag	cggctgcagg	1620
agcaaaaggca	ggcacaggaa	gccaagggag	agaagaagga	tctgctggag	gtacccaagg	1680
ccggggccgt	ggctaagggc	tccccaaaac	cttcacctca	accatctcca	aagccctctc	1740
caaagaactc	acccaaaaaa	gggggtgctc	cagctgcccc	accacccctc	ccccctccct	1800
tggtccacc	ccttatcatg	gagaacctga	agaattcact	ctcaccagct	accagaggga	1860
agatgggaga	caaagtccct	cctgcccagg	agaagaactc	ccgtgaccag	ctattggctg	1920
ccatccgctc	cagcaacctc	aagcagctca	agaagggtga	agtgcccaaa	ctgcttcagt	1980
aggaccaggc	tgccaggcac	catctgccaa	tgccatgact	gctcaggcct	cacctcccag	2040
ggctacacag	accctgcccc	ccccatccct	ggctgacctg	ctgtggatgt	ccctattctg	2100
ccatgggaga	gtccaggcct	gggtcacgct	caagggaagga	tgcccttatct	cttctcactt	2160
tcctttttct	gtctctgagg	ctctccaaat	tttgcttttag	tacatggagc	tcaggtttct	2220
ggacaagaag	agtcctttta	gcacatcact	tgagaagatg	gcactgtcca	gggcccattg	2280
agctggcaag	ctgcaaaaag	cctgtgatcc	aggaaagatg	tcccacaggg	accacatcca	2340
ccccagcccc	actgccctcc	agggccaggga	ttcaggcctc	tgaggagccc	acgggggcaa	2400
gctgctgggc	cagtggcact	ctgtgtggga	aaatggcaga	aagatggaga	ggcatggggg	2460
cccaaagggg	agcgtgggga	ggggctgagg	ataccccaaa	gtccaggcta	attagaggat	2520
gtggcagggg	cagtggcctg	gatgcacagt	gcctgatggg	agtaggctcc	agacaggagg	2580
agtgggacag	acagcagctg	gacttgaagg	tttgatgcca	aagcagacat	tttctctaca	2640
cccacctgct	gctgtatgaa	tagctgtgta	tctgtttttc	cataagattt	tgataatata	2700
tacaaacctt	tagctgtgaa	tggctgtgcc	ccacctgttg	tectgaactg	tgagtccctga	2760
tcctaaacct	gggtccctg	gaggactcta	gaagctcagg	ttccctgcca	cactatttga	2820
gttggccaa	aaataaattc	acatcctcag	aaagtgcagc	atggaggaaa	atctgaactc	2880
taagcagaag	actctccact	gacctggttg	tccaggctta	gaaggccagg	cctctactag	2940
gtctgtctct	gaaccagctc	tgtgcctgg	agtcagtagc	cagagttggt	ctcaggggtg	3000
ctggggcaga	gtggagccca	gggtgctggg	atggctatat	taggcatggt	cagggatgct	3060
cattccatga	ctctgcctaa	ccatgggctc	agggccagg	cctcacagca	gtcacaggcc	3120
caggaaggcg	gcaggcagag	aagtggagtg	actatttgga	gaatagcacc	catatctgtg	3180
tgccctaggg	ctcagcaggg	gcctcatctt	gcccagccct	caccaactgc	tcgccaattc	3240
cacttctggc	ccccaaactc	ggaaatgctg	acaatgctgc	catgcccaca	tcgggggtgta	3300
ggtgaaaggc	atctttctga	atttctattct	cttgaagggtg	ctgccacccc	ttggcactgt	3360
ggaactgcca	ccttgggtct	gtgtcacttg	taggtttctc	tgccctcagg	ttgcctcaac	3420
agcaggaggc	acagcagttt	caccatcttt	gaggtgaggg	tgggggtgcc	cagctaggaa	3480
gcaagatcgc	tgtgctaggt	ctgacaaaa	ccagagggca	gtctagtcct	gggggtaaa	3540

```

ccctcagatc ccagggtaca ctcttctcca ttccctccac ccacttgcct gtcaccccag 3600
tcacctaaagc aatcactggg cccagaggag aggagacaga cacacactgg ctccctggacc 3660
taaagggtat gagctggagc taaggccagc tagagcttcc actgtcagcc ctccactgtca 3720
gccccactgc acccccctgt gcctgctggg cactgggcac tagctagatg ctttaggttg 3780
cttcagctga tccttcaact ctgtgaggtg gataccaata ttctattttg cagatagaat 3840
ttggcccaga gaggttaact aatatatcca tgatcacaca gctaataaaa gtcagagctc 3900
aggaaaaaaa aaa 3913

```

```

<210> 7792
<211> 1231
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (175)...(677)
<223> similar to gi5924319 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7792
ctagaccctc ttctctccct tcggcttctc tctttcggcc ggccgcccga gttcctgggg 60
cacaccaga ggtccccttc tcgcccgcgc ctgcaactgc gagggtagcc cggggccgct 120
tggagtgcgc cggacctgag aggctgctgc actgggcctc agccagccct ccggatgctg 180
gtgctgccat cccctgccc tcagcctctg gcattttcct ccgttgagac catggagggc 240
cctcccgcgc ggacttgccg ctcccagaa cctggacctt cctcctccat cggatctccc 300
caggcttcat ctctccaag gcccaaccac tacctgctta ttgacactca ggggtgtccc 360
tacacagtgc tgggtggacga ggagtcacag agggagccag gggccagtgg ggctccaggc 420
cagaaaaagt gctacagctg ccccggtgct tcaagggtct tcgagtacat gtcctacctt 480
cagcgacaca gcatcaccca ctcgagggtg aagcccttcg agtgtgacat ctgtgggaag 540
gcattcaagc gcgccagcca cttggcacgg caccattcca ttcacctggc ggggtggtgg 600
cggccccacg gctgcccgtc ctgcccctgc cgcttcgggg atgcgggtga gctggcccag 660
cacagccggg tgcaactctg ggaacgcccg tttcagtgtc cacactgccc tcgcccgttt 720
atggagcaga acacactgca gaaacacacg cgggtggaagc atccatgagc cgggctgccc 780
ggtgccccag gtaccacagg actttgcagg gagcctggac tcctgtccag acacctggtg 840
agagcctgag gctggtgttc agggccctgg acacagacac agagcagccg catctcaaag 900
gcagagccct gctgaagga ggaatccgtg agtaatcttc aggtcctccg tgttctggag 960
ctgagatggg aatgagccc tacacagaat ggagtcctct agcctaaga tatcagctgt 1020
tccatggcag agccttgact ggatggaggt ggggagtgtg gtgtgtaaag tctctggcct 1080
cataaaagggt ggctgtgggt cgtcaggaat ctgcgccatc ttctggggg cttctgcggc 1140
tgttgttggg ggaagggacc ccagtccctgc cttccacccc ccaaccaggc ctgagactga 1200
tcaacaata aacacgtttt cccacttttg a 1231

```

```

<210> 7793
<211> 1183
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (112)...(722)  
 <223> similar to gi452320 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7793

gaaaacttct	tcctggcctg	ggctccgtgc	cgctctgttt	gccaacccgtc	cagtcccgcc	60
taccagtgcc	gggcgtcccc	caccctcccc	ccggctcccc	cggtgtccgc	catggccaaa	120
gcctacgacc	acctcttcaa	gttgctgctg	atcggggact	cggggggtggg	caagacttgt	180
ctgatcattc	gctttgcaga	ggacaacttc	aacaacactt	acatctccac	catcggaatt	240
gatttcaaga	tccgcactgt	ggatatagag	gggaagaaga	tcaaactaca	agtctgggac	300
acggctggcc	aagagcgggt	caagacaata	actactgcct	actaccgtgg	agccatgggc	360
attatcctag	tatacgacat	cacggatgag	aaatctttcg	agaatattca	gaactggatg	420
aaaagcatca	aggagaatgc	ctcggctggg	gtggagcgcc	tcttgctggg	gaacaaatgt	480
gacatggagg	ccaagaggaa	ggtgcagaag	gagcaggccg	ataagttggc	tcgagagcat	540
ggaatccgat	ttttcgaaac	tagtgctaaa	tccagtatga	atgtggatga	ggcttttagt	600
tccctggccc	gggacatctt	gctcaagtca	ggaggccgga	gatcaggaaa	cggcaacaag	660
cctcccagta	ctgacctgaa	aacttgtgac	aagaagaaca	ccaacaagtg	ctccctgggc	720
tgaggacctt	ttcttgctc	cccaccccg	aagctgaacc	tgaggggagac	aacggcagag	780
ggagtgaaca	ggggagaaat	agcagagggg	cttgagggt	cacataggta	gatggtaaag	840
agaatgagga	gaaaaaggag	aaaagggaaa	agcagaaagg	aaaaaaagga	agagagagga	900
agggagaagg	gagaggaatg	aattgaggaa	gtgaaagaag	gcaaggaggt	aggaagagag	960
ggaggaggaa	aggaaggaga	gatgcctcag	gcttcagacc	ttacctgggt	tttcagggca	1020
aacataaatg	taaatacact	gatttattct	gttactagat	caggttttag	ggtcctgcaa	1080
aaggctagct	cggcactaca	ctagggaatt	tgctcctgtt	ctgtcacttg	tcatggtcct	1140
tcttggtatt	aaaggccacc	atttgcaaaa	atgaaaaaaa	aaa		1183

<210> 7794  
 <211> 1582  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (306)...(1453)  
 <223> similar to gi4325086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7794

accctggagc	tagegtcatc	gcgaaggaa	tcccacgacc	ggatggaaga	gccagctga	60
cacaaccaag	acgagtctca	gtgtctaggg	aagcttgagg	ttctgtcct	tttacttcag	120
gcgaacctga	actcagttaa	tgcaattttg	aagcatgccc	tgaatagatt	cagtcattat	180
caagtcaaac	taaaaacggg	gaaagggttc	gactattacc	aaataggaaa	aacctgaaga	240
cataagaact	acacatgagg	aatatgtcat	ttagcacttt	cactttttga	tctccacaga	300
agacaatgag	aagtcatacc	ataacaatga	cgacaacttc	agtcagcagc	tggccttact	360

```

cctccacag aatgcgcttt ataaccaatc atagcgacca accgccacaa aacttctcag 420
caacaccaaa tgttactacc tgtcccatgg atgaaaaatt gctatctact gtgttaacca 480
catcctactc tgttattttc atcgtgggac tgggtgggaa cataatcgcc ctctatgtat 540
ttctgggtat tcaccgtaaa agaaattcca ttcaaattta tctacttaac gtagccattg 600
cagacctcct actcatcttc tgcctccctt tccgaataat gtatcatatt aaccaaaaca 660
agtggacact aggtgtgatt ctgtgcaagg ttgtgggaac actgttttat atgaacatgt 720
acattagcat tattttgctt ggattcatca gtttggatcg ctatataaaa attaatcggt 780
ctatacagca acggaaggca ataacaacca aacaaagtat ttatgtctgt tgtatagtat 840
ggatgcttgc tcttgggtga ttcctaacta tgattatfff aacacttaag aaaggagggc 900
ataattccac aatgtgtttc cattacagag ataagcataa cgcaaaagga gaagccattt 960
ttaacttcat tcttgtggtg atgttctggc taattttctt actaataatc ctttcatata 1020
ttaagattgg gaagaatcta ttgaggattt ctaaaaggag gtcaaaattt cctaattctg 1080
gtaaatatgc cactacagct cgtaactcct ttattgtact tatcattttt actatatgtt 1140
ttgttcccta tcatgccttt cgattcatct acatttcttc acagctaaat gtatcatctt 1200
gctactggaa agaaattggt caaaaaacca atgagatcat gctgggtctc tcatctttca 1260
atagttgctt agatccagtc atgtatfffcc tgatgtccag taacattcgc aaaataatgt 1320
gccaaacttct ttttagacga tttcaagggtg aaccaagtag gagtgaagc acttcagaat 1380
ttaaaccagg atactccctg catgatacat ctgtggcagt gaaaatacag tctagttcta 1440
aaagtacttg aggtaaacat actaaaatga attaagaggc tgcattatat ccagcagcag 1500
gtgtgaacac cctgggggtga tgcgtggggc gagtgaattg gacatttttc agcagggaca 1560
cccaggccag tggcgggtct tt 1582

```

```

<210> 7795
<211> 1230
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1231)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1074)...(279)
<223> similar to gi5912229 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7795
tttttttttt ttctgataaa attatgtttt aattgcctat ggcatatatt acataatggc 60
tcaaaattaa tagtctggct gaaattaaga aaaacagctg atgatgactt agtaaatacct 120
taattttaag taagcttttg gccaaaagtc aggggtagaa ttgactcaaa attaacagcc 180
ttcaccatct tttattcatt ctgctgtgat acaactaaaa tggccagtaa attctcccct 240
gggtctcagg taacagtttt ccaaaagtga agtatcactt tctctgcaca gtgggtgaaag 300
ccggcatttg gatgggctgg atcgggtgga caggctgaaa cactggcttc tttctcactt 360
cagagtgtgt tttcactgca gggagcagct gattcctttt gatgatctgt aaggccagct 420
gagtattacc attctgcagt tcaaggtaga ctgccagcaa gatggcctca gggggcacct 480
ctttaggatg gatcattgaa gccgcctggt ggagacactt tcgggctttg tcatattcgc 540
tcctcaggca gtaagcgtg ccaaggttga acagcatcac agtcctggca gagttgacgg 600
aactggggta gcactgaggg gccgcgttac cagaggattc cattgcttca ttttcacctt 660

```

tgtctgatcc	ttggtcctgc	tcatttgaag	agatccctaa	ggagacatca	gtgacattct	720
ccgggttcaa	gtgagtaatg	gcatcagata	ttctgtcgag	agagatgagg	gcttctgcag	780
catataaatg	tcccaaaaac	ttaagagatc	ctgacagctt	gggctgctga	agaagtttat	840
ctgcatgatt	caaagccatg	aggttatcac	ccaaagccag	agccacgtag	gcactgcaag	900
caagtatgga	gcactttaag	ttttctaatt	cctgttttct	caatggagaa	gaagggtggag	960
ctggaatgaa	tttatctcca	tcatggcttt	tactgtcgca	agtttccactg	ctttcgctgc	1020
tctctgtgtt	cccaccta	tgattactat	ttttagcccc	attttcctgc	tttggatctt	1080
gctgttcttc	aggtagcagc	aacaaggcat	ttctgagaca	tatggctgca	aactccatac	1140
tggctacagg	aatggccgaa	gactgccgaa	ttccaccgca	ctgactagt	gtctacgatn	1200
ctcaattnnn	nnncgcccc	gcctctcccc				1230

<210> 7796  
 <211> 2513  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (418)...(1173)  
 <223> similar to gi939707 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7796						
ggagccgcgc	cgcattctcag	gcgcagtctc	taggggctgt	gcgcataccta	ggggggggaca	60
tgtgcatctc	aggggggctg	ctcgcatctg	gggggtgctg	tgtgcatctc	gggggggctg	120
ttgcatctac	gcgggggtggc	tgtgtccgca	tctggaggggg	gctgtgcgca	acccggggggg	180
ggtgttgccg	gcattctagca	ggggcggtctg	tgcgcatttc	ggggggggggc	tgtgcatatc	240
tgggggggaca	cgtgcttata	tctggggggcg	gctgtgcgca	tcttgaggggg	tgtgtacatc	300
tccggggggcc	tgtgcgcatc	ttgggggggct	gtgtgcatcc	gcgggggctg	tgcgcattctc	360
gggggtgctgt	gcgctgctcc	tctgagctct	gctctttctt	gcagcgtttg	cctcagcatg	420
gagggcgggg	ccgcggcagc	cacccccaca	gcactgcctt	actacgtggc	cttctcccag	480
ctgctggggc	tgaccttggg	ggccatgacc	ggcgcggtggc	tccgggctgta	ccgaggcggc	540
attgcctggg	agagcgacct	gcagttcaac	gcgcaccccc	tctgcatggt	cataggcctg	600
atcttctctg	agggaaatgc	cctgctggtt	taccgtgtct	tcaggaaacga	agctaaacgc	660
accaccaagg	tctgacacgg	gctgctgcac	atctttgcgc	tctgcatcgc	cctgggttggc	720
ttggtggcgg	tgttcgacta	ccacaggaag	aagggtacgc	ctgacctgta	cagcctacac	780
agctgggtgcg	ggatccttgt	ctttgtcctg	tactttgtgc	agtggctggg	gggcttcagc	840
ttcttctctg	tccccggagc	ttcattctcc	ctgcggagcc	gctaccgccc	acagcacatc	900
ttctttgggtg	ctaccatctt	cctcctttcc	gtgggcacccg	ccctgctggg	cctgaaggag	960
gcactgctgt	tcaacctcgg	gggcaagtat	agcgcatttg	agcccagagg	tgtcctggcc	1020
aacgtgctgg	gcctgctgct	ggcctgcttc	ggtggggcggg	tgtctacat	cttgaccggg	1080
gcgactgga	agcggccttc	ccaggcggaa	gagcaggccc	tctccatgga	cttcaagacg	1140
ctgacggagg	gagatagccc	cggctcccag	tgatgcgccc	ggccggccct	gggggttcgc	1200
gggggtgtctt	cttgccctgcc	cctgctgagg	cgtcttcagg	actgcaggct	cgggagagt	1260
gctctggcag	caggcgggcg	cgtgggtgca	gctgcatctg	tttgagtgt	gctttctggg	1320
gtcagggtctc	cgcctcctct	gcttctcctt	tctccgctgc	tatagaccag	ttcattgtgt	1380
gtggctcccg	tgtctctgtt	gcccccttca	gtgcagaagg	ctttgggtag	gacttcgggt	1440
gttcgggtcct	ggtcgcagag	cacagatctt	taaagaagcg	agagaggagg	ccccaccctc	1500
ctggcagcag	atgcctgggg	caaggccagg	ggaaactggg	ggggcctcag	ggacaggcct	1560
ggaaaggcca	cgatggctgc	tgaattcaaa	caaggagtcc	ctccagcctg	aataacacgt	1620

```

ggcacaaatg ggcccggcct ttggcagagg agcaagtgat atgatgtgta aagtatgttg 1680
gtggtgaaaag caagggtccc caggagaggg gagggactgg cccctgggaa gctctgagat 1740
gaggctgtgg cccagctgta gtccctgacct tcctcttctt taacccttta gccctaggat 1800
ggcttttggtg ggagagggga tagaagccca tgacttcaga cagactttct ctgggcagat 1860
gcaggcgggc ctccctcccag gctgctccag acatgggggt tggggatggg gggcaccttg 1920
cagccccttc ctgctggggc tccctccttg tagcaccccc cttgcggctc agctctggtt 1980
tcctctccca ggctcaccca ggctctgctc aggtctgggag gcagagggca caaaccttat 2040
aattttttta atgaaaaacc gctgctgctg gctgtggcta gagccccctg gggctgctgg 2100
agctgctgcc tctgttctgg aggacgagcc ttctccttat ctgctgcca tctttccagg 2160
aagtcaggat ggagtcagaa caactacagt cacccttcgt ggtgtctgca catcactcca 2220
gccccataaa gagtgtcatg ttagctgagt caccatttgg cttcggcctg gaaatagtgt 2280
gattagaaca ctgatcgtgt gcgaggccag gagatcaaga ccatcctgac taacaaacac 2340
agtgaacccc cgtctctact aaaaatacaa aaaattagcc aggcgtgggtg gtgggcgcct 2400
gtagtcccag ctacttgga ggctgaggca ggagaatggt gtgaaccggg gagatggcgc 2460
ttgcagtgag ctgagattgc actccagcct gggcgacagg ctcaaaaaaa aaa 2513

```

```

<210> 7797
<211> 1258
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (72)...(919)
<223> similar to gi5824665 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7797
acctctagtc cagcgtgggtg gaattcagtg ccctgagcgt ctccatggcc tgcctgagcc 60
cctcgagct ccagaagttc caacaggatg gattcctggt gctggaagga ttcttgtctg 120
cggaagagtg tgtggccatg caacaaagga ttggcgagat agtggctgaa atggatgttc 180
ctctccactg ccgcacagaa ttctccaccc aggaagagga gcagcttcga gcccagggca 240
gcacagacta tttcttgagc agtggtgaca agattcgatt cttctttgag aaaggcgttt 300
ttgatgagaa aggaaatttc ctggtccctc cggagaaatc catcaacaaa attggccacg 360
ctctgcacgc ccacgacccc gtcttcaaga gcatcacaca ctcttcaag gtgcagacct 420
tggccagaag tctgggcctc cagatgcccg tgggtggtgca gagcatgtac atctttaagc 480
aacctcactt tggcggtgaa gtctcccctc atcaggacgc ctcttctctg tacacggagc 540
ccctgggccc ggtgctgggc gtgtggatcg cagtggagga tgccacgctg gagaacggct 600
gtctctgggt catccctggc tcccacacca gtggtgtgtc aagaaggatg gtccggggccc 660
ctggttgctc agcgcctggt accagcttcc ttgggtcaga gccagcccgg gataacagcc 720
tctttgtgcc caccocagtg cagagagggg ccctggtcct catccatgga gaagtggtag 780
acaagagcaa gcagaacctc tctgaccgct cgcgccaggc ctacactttc cacctcatgg 840
aggcctctgg caccacctgg agcccggaga actggctcca gccaacagct gaactgcctt 900
ttccccaact gtacacctaa aggctctcgc agggcaggag ccctcgcccc tcccgggtga 960
agctgtgggc tgtaaacacc agtgccttgc tcagcctcct gggtgcaaca gggaggtctt 1020
gtctcccctc ctgggctttc ctctgcccct gtgggcagca gcctaggctg ggtcaggggc 1080
ttccctaaga tcttcacctc tctgectccc tactgcccc aatagacctt gaggaggctt 1140
ctcagccacc aaagggttct ggccccttct cactctctc tctctcaga tggaaactctg 1200
gttattatgg tgtagttat cgaataaaaa cgacttcaga atgcaaaaaa aaaaaaaa 1258

```



<210> 7798  
 <211> 1581  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1460)...(347)  
 <223> similar to gi5931549 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7798

tttttttttt	ttcacattca	gttcttttat	ttaattttct	agtggacaat	ttacatatct	60
ccctcaccct	gtcttttaag	ttagtgtgac	aattttccat	aataaactac	ttaaagagaa	120
gctttggtca	agaatggaat	gaaatcgcaa	aaaaacaaac	aaaaaaatta	ctgccttaaa	180
aaaaccaaca	ctttcaccaa	ttttatattc	aaacaaaacc	acacggcatt	ggcgtgatat	240
gtgttttcag	tgtttccttg	gggctggctt	cctcgccatc	gtgccacggc	acagctgcgg	300
tcggccacag	tttgtcatgc	tggatggcgg	aggctcactc	agcttcacat	tatccggagg	360
ccctggatgg	aagactcgag	ggtcttgaaa	tcccaaattg	tcatggctcc	atcgatgcca	420
gtagtgcaaa	atttgcgaca	atcttgcttg	tccacctcat	aaatagagac	ttgagtgatg	480
ctattctggt	gcagcgtctc	caaggccgtg	ttgcggctcc	cagttgtggc	tctcttgtcc	540
atgttgcgga	agcgttccat	ggcagacatg	ttgcgttgga	tgctctggtt	tggaatatct	600
aacttgagga	cgaaggtcag	gcagccgcgg	tcatcgtagt	taaagagcat	tgggcagcag	660
tcatggccag	cagccacgac	gctgttctct	gagacaaatg	acacacttag	gagcggcagg	720
aactctgtct	tcagagtcga	gacctgcaca	ctttttgagg	catcagcaac	agacacggtg	780
ctgtcgtggc	tgacccaggc	caggcggctc	ccactggcag	agaagcttac	cccgtggacc	840
cagccaccag	tgccactgcc	accaaactct	gacatcagct	gcccaaaagg	catcttgctg	900
ccccagggcg	tgctggtctg	cttttcatcc	acttctttta	tgtaggcaga	aaacactctg	960
catttggaagt	cacatgatcc	tgctgccagc	aaaacgttgt	tgggatgcca	atccaagctg	1020
aggactgtgg	agcgaatcgg	cttttttaat	tgcttgctca	cccaccagtc	attttcagac	1080
tcaaagtaac	aaacagaaat	gagtcgtgct	ccacttccca	cagcaaattt	gttctctagg	1140
ggggaccact	tcacaaaagt	agctgcgcga	ttaattctca	ggatcaccag	ggttggtctc	1200
caaacaccat	ctttctgact	ccagacatag	gcattgcggt	ctgccccaca	agtgacaatg	1260
cggtcgctct	tgggagccca	gtcaatacct	gtgatgtgtc	cgttgtgtct	cttgagttca	1320
tgagctttca	ccactggct	ccggttcttc	ttatagatgt	gcacttcgtg	attattggga	1380
ctgagggcaa	tctgagtacg	atccctgttc	caggcatgac	aggtgattgg	ctctagtaaa	1440
aactgatgca	gtgacattat	tcttagtggt	ttcaaaggag	agaaagctgg	gatcggggga	1500
gtccggacgg	gctcggagcg	gaggattcgc	ggactctggg	cagtcgacgc	gaacaggctc	1560
cgtcggggcg	gggcggagga	c				1581

<210> 7799  
 <211> 1528  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (69)...(1243)  
 <223> similar to gi3850704 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7799

ggaattcccc	ggtcgacgat	ttcgtgctga	gtactggggg	ccagaaagt	atcgctgccg	60
tggtcgccat	ggggaagtcg	gattttctta	ctcccaaggc	tatcgccaac	aggatcaagt	120
ccaaggggct	gcagaagcta	cgctgggtatt	gccagatgtg	ccagaagcag	tgccgggacg	180
agaatggctt	taagtgtcat	tgtatgtccg	aatctcatca	gagacaacta	ttgctggctt	240
cagaaaatcc	tcagcagttt	atggattatt	tttcagagga	attccgaaat	gactttctag	300
aacttctcag	gagacgcttt	ggcactaaaa	gggtccacaa	caacattgtc	tacaacgaat	360
acatcagcca	ccgagagcac	atccacatga	atgccactca	gtgggaaact	ctgactgatt	420
ttactaagt	gctgggcaga	gaaggcttgt	gcaaagtgga	cgagacacca	aaaggctggt	480
atattcagta	catagacagg	gacccagaaa	ctatccgccg	gcaactggaa	ctggagaaaa	540
agaaaaagca	ggaccttgat	gatgaagaaa	aaactgccaa	atttattgaa	gagcaagtga	600
gaagaggcct	ggaaggggaag	gaacaggagg	tccctacttt	tacggaatta	agcagagaaa	660
atgatgaaga	gaaagtcacg	tttaatttga	gtaaaggagc	atgtagctca	tccggagcaa	720
catcttccaa	gtcaagtact	ctgggaccga	gtgcactgaa	gacgatagga	agttcagcat	780
cagtgaacg	aaaagaatct	tcccagagct	caactcagtc	taaagaaaag	aagaaaaaga	840
aatctgcact	ggatgaaatc	atggagattg	aagaggaaaa	gaaaagaact	gcccgaacag	900
actactggct	acagcctgaa	attattgtga	aaattataac	caagaaactg	ggagagaaat	960
atcataagaa	aaaggctatt	gttaagggaag	taattgacaa	atatacagct	gttgtgaaga	1020
tgattgattc	tggagacaag	ctgaaacttg	accagactca	tttagagaca	gtaattccag	1080
caccaggaaa	aagaattcta	gttttaaatg	gaggctacag	aggaaatgaa	ggtaccctag	1140
aatccatcaa	tgagaagact	ttttcagcta	ctatcgtcac	tgaaactggc	cctttaaaag	1200
gacgcagagt	tgaaggaatt	caatatgaag	acatttcccta	aacttgccct	gagtttgaaa	1260
atttgtaaac	aatacattaa	aatctttaaag	catcaaattg	gtgttcgcca	aggcattatg	1320
agactctact	gtgttagggg	atattctttt	gtataaaaca	aacagggttt	tgaaaatatt	1380
actgtatagt	tagttgttca	gctaaacttt	gagaagaatt	taattatgtc	tcatgaggta	1440
tcaaaactatg	taattttgtc	cttgttattt	ttgtttcctt	tgtaatttac	ttgatgagtt	1500
tatatcttca	ttaaagaatg	ttattata				1528

<210> 7800  
 <211> 3565  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (277)...(923)  
 <223> similar to gi6002803 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7800

gcgagggtga	caggaaaccc	tgtgcaggga	gcgccgccat	cttggaccag	cccgaggaag	60
atactgaggg	agcacaggag	cagtcaccgc	tgccactgct	actgccgcta	ctgctgccgg	120

cgcgctctgca	cctctcggcc	tgccagtgtg	cctgccggcg	cctcggtcga	ccgccccgc	180
ccccctctccc	gctgcgtccg	cactcctgtt	cctgggtcctg	acgccccct	cccggccgga	240
aagctgcccc	gccaccagca	acccccagt	gccaccatgg	caactgcacc	atacaactac	300
tcttacatct	ttaaataat	tattattggg	gacatgggag	taggaaaatc	ttgcttgctt	360
catcaattta	cagaaaaaaa	atztatggct	gattgtcctc	acacaattgg	tgttgaaattt	420
ggtacaagaa	taatcgaagt	tagtggtcaa	aaaataaaa	tgcagatttg	ggatacggca	480
ggacaggagc	gatttagggc	tgttacacgg	agctactaca	gaggagctgc	gggagctctt	540
atggtctatg	atatcactag	agaagtaca	tataaccact	taagcagctg	gttgacagat	600
gcaaggaatc	tcaccaatcc	aaatactgta	ataattctca	taggaaataa	agcagatttg	660
gaggcacaga	gagatgttac	atatgaagaa	gccaaacagt	ttgctgaaga	aatggctta	720
ttgttcctcg	aagcgagtgc	aaaaacggga	gagaatgtag	aagatgcctt	ccttgaggct	780
gccaaagaaa	tctatcagaa	cattcaggat	ggaagcttgg	atctgaatgc	tgctgagctc	840
ggtgtacaac	acaaaccttc	agccccgcag	ggaggccggc	taaccagtga	acccaacccc	900
cagagagaag	gctgtggctg	ctagtgcact	ccttgctgtg	gccccctcatt	tgacctttca	960
cctctgtctg	ttggaagcag	tactttttac	tgctcatttg	tcttctgtac	atcttactgg	1020
gtttaattaa	aaaaaaagaa	aaaactctgt	tgtaaaaaca	gtttaacaca	atactaaact	1080
gctaaacaac	tagatgtaat	caggttatca	aaggcaagta	gagtaataaa	tctctcctgc	1140
atggtaaatc	tagacttttt	ttcccccttg	tcctcgtgat	aagtatgtca	ccaatataatg	1200
attdaaaccg	agcactgatg	ctggacttca	tgattttttac	cctccctttg	gcaaggcttt	1260
gtctcactgt	acggtttaat	ttggtgatat	cctaagcctt	tcttcccatc	cttaactggt	1320
caagtatgtc	tgttgtaacc	aataagttta	ttgctgtgaa	attacttctg	atggtagaga	1380
aggggttcta	taactgcttt	tgttttgttt	tggataaatt	tcctgttggtg	tgggtggcat	1440
ttttcttaac	gagatttgct	tctgtcttaa	cctcacacag	ggaaaatatac	catttatctt	1500
ctctctcggg	cttaattaat	agctttatct	ttttttatac	cattttatcc	ttttctcttt	1560
aacagaaaagt	aaatatgtat	aaaatttgaa	ggaatcgaa	taacaataca	ttctgtgtat	1620
attatttttaa	tgaagaaaa	aaattgatta	ctggcattgg	aacagtataa	aataaccagtt	1680
tgtacagtat	gacctatatg	tgacctgtt	actcccttcc	atttcacaca	aagaaataga	1740
cacaactgca	gttcacaagt	agtactggct	ccacccttgg	gtgctggcag	tgtttgggga	1800
cattatgctg	gaaagagctc	ctagcatcag	aggattaaca	ctagcagatt	ctgttccatc	1860
tttgactgtg	tgcctacctg	ctgattttct	taactgttct	tgtgcaatcg	acaatgtgct	1920
aacctgcttt	tctctttttg	taaacgtttt	tgcattacag	gctgcattct	tgccttactg	1980
tatagaaaaa	gaaaaaaggc	tgggtttact	attgcacatt	ttaagctttt	atacctttat	2040
cttcttgga	tggctcagatt	ctgaactgga	cagtcagaac	cacaggctctg	ctgttaaggg	2100
attdtaaaatt	gtgcattttt	aacctacag	tgaataaact	taagatatcc	ctgtgttcac	2160
agtgtgaggg	gctgttttat	gtcatgttgg	cataaattgt	tttgtaaaag	ggaaagtgtt	2220
tctaaagggtg	tttcagcgct	tgtgctgata	caaagtaagt	tattactttg	caccagggtg	2280
tttggccact	gaattaatac	tgtatagcaa	gagaaacaat	cctattttttt	tggacaacat	2340
gttttattaa	gttcttcatt	tctgttgatt	ttttttattg	catttatgat	tcagtggctg	2400
ggaattgaga	attdatttga	aatagaatag	gtaacacctc	agcgtactat	agaaaatgca	2460
ctcagctcaa	ctgctgtgtt	taaaatacac	attdtaaaatc	cctcttttaca	gacactaaca	2520
taaaagtaca	tctttctggg	ttgtaaacat	gtggtagtac	cagagtattg	tatagtcaat	2580
gttaaatataa	agccaaaact	ggaatgtgca	gaaagtaggc	tttggttaat	ttgtggattc	2640
attdtttattt	ttgtctttgt	ttaacttttt	aaaaataaag	attdctggag	tagattggta	2700
tattctgtta	aagacttaca	gtgatccatt	ttgtctacac	tgttgcatca	caagggactc	2760
accaggggac	catgacctgc	tgggtgtgtg	gtatattttac	aaaaacaaaa	caaacaaacc	2820
accattggg	atataaggta	gcaatcaca	actaaagact	gcggcttggt	gagggtgcaat	2880
acctgactc	ccaaagttag	ttacagtggg	ttttatttgt	tttgtgactg	aaggatttat	2940
tcagactgct	gtactcttca	tttgatgtaa	caaaatgcta	ttaatctaaa	tatttgtaaa	3000
taaagtacct	gtatctagat	taaattaaaa	ttgggttgcat	tattttctga	actataatag	3060
ggtttttctt	cagggtgaaca	attdgacgtg	tcacagttt	ttattgcagc	actgtccata	3120
ttcattgtat	aaagagaggt	ctacgtatgt	agcatataaa	accacatcac	taagtaatag	3180
accacagct	ttattcttgt	gtttacatta	cccttgaaat	gttttcagtc	aaccttttc	3240
agtgtaaagt	cagcacattt	ggtggtgtg	gctgttctcc	tttgactgta	ccgggagcca	3300
gattctatca	tatgcatgtg	taatccccctg	taatacactc	aggtgctcac	aaatagagca	3360
gattgtcata	ttgtaacatg	cgtgtgccag	acaccgggca	gtacactttg	gaaagaatgt	3420
gaaatccttt	taatttttaa	tcocatagctt	actgcttgtg	cagtcacctg	cctctcgagg	3480
ttgctcattg	cccttggaac	tgtgaggagg	ccctcagatt	agtaattggg	gcttagtact	3540

<210> 7801  
 <211> 2181  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (782)...(1658)  
 <223> similar to gi207036 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7801

gcggggaatt	cataccagcg	tgctccaggg	caatctgcag	aaccaaattgt	attctcataa	60
tgtggtcatc	atgaacctca	acaacctgaa	cctgacctag	gtgcagcaga	ggaacctcat	120
cacgaatctg	cagcggctctg	tgatgacac	aagccaggct	atccagcgaa	tcaagaacga	180
ctttcaaaat	ctgcagcagg	tttttcttca	agccaagaag	gacacggatt	ggctgaagga	240
gaaagtgcag	agcttgcaga	cactggctgc	caacaactct	gcgttggcca	aagccaacaa	300
cgacaccctg	gaggatatga	acagccagct	caactcattc	acaggtcaga	tgagagaacat	360
caccactatc	tctcaagcca	acgagcagaa	cctgaaagac	ctgcaggact	tacacaaaga	420
tgacagagaat	agaacagcca	tcaagttcaa	ccaactggag	gaacgcttcc	agctctttga	480
gacggatatt	gtgaacatca	ttagcaatat	cagttacaca	gcccaccacc	tgcggaacgct	540
gaccagcaat	ctaaatgaag	tcaggaccac	ttgcacagat	acccttacca	aacacacaga	600
tgatctgacc	tccttgaata	ataccctggc	caacatccgt	ttggattctg	tttctctcag	660
gatgcaacaa	gatttgatga	ggtcgagggt	agacactgaa	gtagccaact	tatcagtgat	720
tatggaagaa	atgaagctag	tagactccaa	gcatggtcag	ctcatcaaga	attttacaat	780
actacaagggt	ccaccggggc	ccaggggtcc	aagaggtgac	agaggatccc	agggaccccc	840
tggcccaact	ggcaacaagg	gacagaaaag	agagaagggg	gagcctggac	cacctggccc	900
tgcggggtgag	agaggcccaa	ttggaccagc	tggtcccccc	ggagagcgtg	gcggcaaaag	960
atctaaaggc	tcccaggggc	caaagggtc	ccgtgggttc	cctgggaagc	ccggccctca	1020
gggcccaggt	ggggacccag	gccccccggg	cccaccaggc	aaagagggac	tccccggccc	1080
tcaggggccct	cctggcttcc	agggacttca	gggcaccgtt	ggggagcctg	gggtgcctgg	1140
acctcgggga	ctgccaggct	tgcttggggt	accaggcatg	ccaggcccca	agggccccc	1200
cggccctcct	ggcccatcag	gagcgggtgt	gcccctggcc	ctgcagaatg	agccaacccc	1260
ggcaccggag	gacaatagct	gcccgcctca	ctggaagaac	ttcacagaca	aatgctacta	1320
tttttcagtt	gagaaagaaa	tttttgagga	tgcaaagctt	ttctgtgaag	acaagtcttc	1380
acatcttggt	ttcataaaca	ctagagagga	acagcaatgg	ataaaaaaac	agatggtagg	1440
gagagagagc	cactggatcg	gcctcacaga	ctcagagcgt	gaaaatgaat	ggaagtggct	1500
ggatgggaca	tctccagact	acaaaaattg	gaaagctgga	cagccggata	actgggggtca	1560
tggccatggg	ccaggagaag	actgtgctgg	gttgatttat	gctgggcagt	ggaacgatatt	1620
ccaatgtgaa	gacgtcaata	acttcatttg	cgaaaaagac	agggagacag	tactgtcatc	1680
tgcatataaa	cggactgtga	tgggatcaca	tgagcaaat	ttcagctctc	aaaggcaaag	1740
gacactcctt	tctaattgca	tcaccttctc	atcagattga	aaaaaaaaaa	agcactgaaa	1800
gccatttact	gaaaaaaaaat	tgacagctag	ggttttttac	catccgtcat	tacccaaaga	1860
cttgggaact	aaaatgttcc	ccagggggat	atgctgattt	tcattgggca	catggactga	1920
atcacataaa	ttctctcccg	tcagtaaccg	tggcgattat	acaaattatg	tcttccaaag	1980
tatggaacac	tccaatcaga	aaaaggttat	cattggtcgt	tgagttatgg	gaagaactta	2040
agcatatact	gtgtaaacag	tgccatacat	ttctaaaatc	ccaagtgtag	gaaaaatatg	2100
cagacataca	gatatatagg	ccaactatta	gtaataatat	gaaatatact	taaagagctt	2160

ttaaaactttt gaaaaaaaaa a

2181

<210> 7802  
<211> 1185  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1120)...(826)  
<223> similar to gi33918 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7802  
tttttttttt ttagttataa tgacttttatt aaccttttga tctttcaaca tttagatagt 60  
ctttcttaat atttccagga gagtacctca tttttatattt gaaaaccatt cagcacattt 120  
atcttatgta acatgcagag catatatcta tctgtattttt taaaattttc ctgttactca 180  
ttgatacata gtactttaatt acatgttattt ccatgtacac tgaaaacaat ataggaaata 240  
tatacatcta agacttctac tttgtacagt ctttcattaa ataagaatac ttacacatac 300  
attttcagat atttctacct tctgtatgt gtttggaatt gtatggaagg aggcacttga 360  
agaaatttgg gccccttggg aggatggcag tggaagtcca tgaagtaaag agcattcttt 420  
aaaaagcaga tttgattgca taccttttag ttatttgaga ttctgagaat tctgataaac 480  
cccaaagcag aaagattcct tatacccttg gaagatggga aagggtgagg aaatatttga 540  
agcagggtca gaacatccac taagaacata gcacctcagt agagcttaca ttatagtgcc 600  
agggtagagt tattactgaa tagcttagga tgatgaacat taaccttcct acaggagtag 660  
tagcagctga tttggtgacc atcattgggtc accttttagt gtaactgcaa actaagaaca 720  
attatggctt gacatatact ccatgtaggg aagtgatggg agaggcagcc tctgtgtggt 780  
ccatccttgg aagcactgca tcgattttgc tcccctctgg ttttaaggag atctttttaga 840  
cctttccttg ctaactgctt tcagtaaatt cttgatggcc ttcgattctg gattcagaca 900  
tctcttctca cccttctttt tcattgtage aatgatctca acacgtggac aaaattggct 960  
tgcaggaata atttcaagtt tttctaaaga ccttggatta acaggttgat tactaatgct 1020  
gatgcaggta cagcgtacag ttctagagag aggtactcct tgaatgccac ttagagtcag 1080  
aaagataagg cagcaaatca gaatggcagt ttgattcatg gtgctgagac tggaggttcc 1140  
tctgctgtag gctcagaata tgtctaagca attgaggaat gtctc 1185

<210> 7803  
<211> 747  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (118)...(721)  
<223> similar to gi4689260 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 7803
tttcgtccgc cgcgcgcctt tgagtcagca aactccgcgg cccgcaagcc cggctcggcc 60
cggccctgct ctgttctgcc cggaggagcc gccattgat cgtgtcctgt gctgaagatg 120
tttccggaac aacagaaaaga ggaatttgta agtgtctggg ttcgagatcc taggattcag 180
aaggaggact tctggcattc ttacattgac tatgagatat gtattcatac taatagcatg 240
tgttttacia tgaaaacatc ctgtgtacga agaagatata gagaattcgt gtggctgagg 300
cagagactcc aaagtaatgc gttgctggta caactgccag aacttccatc taaaaacctg 360
tttttcaaca tgaacaatcg ccagcacgtg gatcagcgtc gccagggtct ggaagatttc 420
ctcagaaaag tcctacagaa tgcacttttg ctttcagata gcagccttca cctcttctta 480
cagagccatc tgaattcaga agacattgag gcgtgtgttt ctgggcagac taagtactct 540
gtggaagaag caattcacia gtttgcttta atgaatagac gtttccctga agaagatgaa 600
gaaggattaa ctgaaaatga tatagattat gattcagaaa gttcatcctc tgggcttgga 660
cacagtagtg atgacagcag ttcacatgga tgtaaagtaa atacagctcc gcaggaatcc 720
tgaaaaataa ttctaattgt actatct 747

```

```

<210> 7804
<211> 730
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(731)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (237)...(403)
<223> similar to gi5306259 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7804
ccgtgtggtg gaattccccc ccaaactgcc ggtgcagatg cccttgacct ccagtaacca 60
gcaacaagac cgtcactgtg tgaggaaaagt ggggcgccat cctcaccctt gcacagcggc 120
ggcgactcct ctagctccca atgcaaaaagc gtttaaagat gcagctcaga agcatcacca 180
gcagcacaag gggagggtccc aagaaccaga acttacatca ctgcctccga gttcagaggt 240
ttcctttccc accttctcag aactttctgt ttccatggcc tctctgcca cctctgccac 300
ctcccctgat gtgctggcct ccgtttccat cgcctcctca tggccgtctt ccgcccggtg 360
ttccaagccc agctcaggca agtctccggg cgcgaacagc tggctgatgg tgacatgctg 420
cagcctggtc acatcagaaa ccatgagggt ggatctccgg aggtcatcga tgtggacaga 480
ctgccacagc cctccgtgga agcccacata ggctgttctt cttcccaccc gggacagttt 540
tgtgatgaaa tagacgaaga tacggtcctc attttctcgt attttgttga tttcatttat 600
aacagaatac ttagctgagg caatgagctg ggcgctacgg attccatctt caaaatctgt 660
ctgaaaaatg agaattttac atttggtctg attcgttaaa cagtgtcgga cttcgtaagg 720
nntaggaatt 730

```

<210> 7805  
 <211> 1484  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1242)...(703)  
 <223> similar to gi5138991 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7805

tttttttttt	ttcatgcttt	ttccctttcc	cttttttttt	ttttaaaca	gcagctcagc	60
gatttgggag	gttggttagt	acaatacaga	gaacacagag	agaaagtata	aatggcact	120
gaacactaat	gccaatactt	atctcattgt	ggttataacg	aaggatatta	ttatttgtgt	180
tatttttgtc	tggaacataa	atcaatgcc	ttaacttgaa	cttgagggtat	atacacaata	240
cacacacaac	cttaagcaaa	atacttttca	taagtaacat	tacattttta	aatattggaa	300
acattcgaat	atctgtgctg	atttgtattc	tgacttaatg	gaacaagaag	aaaataacat	360
tcaactaggg	agggttaaac	tgataataaa	gctcttaaaa	ttcaaaatgt	cttcctctcc	420
ctttgtactt	accataggct	acacaatgtc	ctgagaggat	tcattatgag	aaaaatgtca	480
atcacagctt	caataactta	ctttggaaaa	aactaatgag	aaagcaaact	ggaaggtgag	540
acttcatctt	tgttttcaaa	taagtggctt	taatttttct	tcttatagaa	aaagtttaaa	600
tcagtttatt	ataaatatat	ctaaaccatt	aatttttgca	gctttcaggt	aaagtccagc	660
acttcattta	tacaaaatct	atgagaagag	gtcagtagag	atcatctaata	cttaagtcgt	720
gacatcatcc	attcaagtcc	ttggcacaat	ccctcgccag	ttagagcaca	gcatgcctgg	780
atatgccact	ggtgatcttt	aatagaagtt	agcttcaaaa	actgggagat	ttctgctaca	840
gtcatgcatt	ctttaacatc	ttgtttatta	gcaaaaatca	gcaatccagc	ttttcttagg	900
tcctcatgcg	ctaacatttt	atagagttct	tctctagtta	cagaaatcct	ctctctgtct	960
gtactgtcca	caacaactat	tacaaactct	gtgttagtat	agtaagtgtt	ccaggaagaa	1020
cgaagagatt	cttggccacc	aatatcccac	attaggaaac	gtgtattatt	aatcactatc	1080
tcttctacat	tacttcctat	tgtaggagat	gtatgtacaa	cttcattcat	agaaaattgg	1140
taaagaatgg	tagttttccc	tgcatatatc	agcccaacaa	tgataacttt	gtgctcctgg	1200
tgattgaaca	gtctccatat	tctagtgaag	agaattccca	ttctcgggca	gcggaacccc	1260
ccccctccag	acaccggggc	cgcttggtct	cccccggtc	aggctgaggg	ggaggagaga	1320
gacgcgctgg	agcctccgcc	tctgctgctg	ctcccgctc	ggtcgcgggc	cgcttccag	1380
ggaaccggag	ggaggccgaa	gccagggcgc	ccctgcccgc	cgcaaggccc	cgccgctgcc	1440
gccgcggcac	tcgcctggct	cgcgacatc	gcgcgcgct	tgtc		1484

<210> 7806  
 <211> 2468  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2149)...(1799)  
 <223> similar to gi791150 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7806

tttttttttt	ttatagtcta	aatttttatta	tctccaagtc	acaatgctga	tcacaaatgg	60
gcacccttta	aaacagtaac	aaaaaacacc	accacacatg	gaaaaatcct	tgcaactaaa	120
cacagtggac	caacagagac	aactctcaca	gtgtcttaag	gtctgggaat	ctgggcatgc	180
tgccacacag	cttgaggaga	catcttcagg	tttaaggcaa	agggaacagc	ctacaaaagg	240
cacaaccacc	agctacccct	agaagaatct	cttagttatt	tcctccttgg	gggttacaga	300
ttaagtgcct	ctccccactc	tccatcccac	acctgtgact	cagagtgatt	aggccagctg	360
ctagatggaa	ggaataaaaa	cagtgcatt	accggggaga	gacacagcca	ccatctttgc	420
cctcaggttc	tgtagaagga	cagggacagt	ggccagggtta	cccctggcag	acgtatgtac	480
tgcagtaata	ggaatctctt	ccacagaggc	agcagagaag	tggttttagtg	ccatggatag	540
ggaggaaaga	taggagccct	tgcccagaag	gtgactggct	tccttaggcc	ttaagcccag	600
gagtttttat	attctgtctg	caaggacaaa	aatagaattc	ggggaaaata	aggtagtaac	660
atctaaaaca	cttgtagcag	gaaagacgtg	gagaagagca	attgcaaagg	acagggtaga	720
ctgcttgctg	gataatat	gcctttaaag	agatgcattg	gtccacagca	actggaaaag	780
gggtgtagca	agaagaatgg	aaagaagaga	agcaaggccc	tctaattcca	cttacctcaa	840
aagactgagc	cctgaggact	atgtgaatac	acacccttaa	aggcaaaggc	tctcactcca	900
ccatcccttt	ctcacaaaag	catctggtgt	gccatctctc	cccacagtag	ggtattggcc	960
ctcagcagag	aacagaagcc	catcatagta	caggatttga	tggtatgctca	gactcctaaa	1020
aacctaagtc	aaagagaagg	gctcctaccc	acctactctg	agcttttctg	cacaatggga	1080
ccctctgtgc	agacagccat	gcttccacag	ggtagagtt	aagggaatac	aagtatacaa	1140
gaggataaca	aatgccaact	aaaagtgaag	ggccagggtc	ttttagactt	ggtggggaag	1200
gctggctgat	acatttctca	ttatctggga	tgcaagggaag	agtcaaaagg	gaatccagag	1260
gggctagaaa	accagaagac	tagacttggt	tcattttaaag	gcaggagagag	agagcaagaa	1320
acagaaacaa	agagaaaaaa	ttaaaataat	attaaggata	agaagccagg	ctttaaaaat	1380
gaacatctta	gaaaaacaaa	caaacaggaa	ggagcttcct	tggaacagaa	agacacttca	1440
atttcccaga	agtgaagaac	agcagaagac	atgggcttct	gtatctagac	tcagaagctt	1500
ggggctgtct	ggctctctct	gctccccgga	acacagccaa	ctcaagtga	gagtgaagat	1560
gggacgaggt	ccacttggtt	ctccctctct	ctagagcctg	tcctcagagg	aaggcagggg	1620
tcctcctctt	tcagctgttt	gctggtagga	gccacaccct	atatctttga	agcccttctg	1680
gtagtagata	gccagctgta	tttctcttct	gagttctcac	ctctgctgct	ttttatatga	1740
tgtaagatt	taaaatattc	agaaacttgt	attaactgga	acctctgctt	acaacctcag	1800
gtggaggggg	cttgatggtg	actggctggg	gagtcctccg	gggtggggag	ggctttggct	1860
gcacctgctg	ctgggcgggg	ttatagtagg	tcactcctcc	atatacctgt	gatggggcct	1920
gtgtattagg	atacagatga	ggcggtggtg	ggggaggcag	tgcccctgga	gcataagggt	1980
aactgggatt	accaaagttc	atgacgcctg	gagcagaaaa	gtaagtagga	gcaagcaact	2040
gctgaggtgg	tggctgtcct	ggagacatgg	acactgggtg	gggatagagg	cctggattgg	2100
gcagaggagc	tgggtgtctg	tggggatgta	aacctggata	aggagaagaa	aaaaactgaa	2160
aaataaagta	acatcatttt	cacaggatgg	cccggctgga	ctgctcagta	taatcaggct	2220
cagaatggaa	gtcctcagga	tggacacaa	aggaaactgt	tgcccaagca	gccaggatgg	2280
ccagactccc	aggctagcag	cacaaagctc	aggaggatgg	gttttgtggc	actcccaaca	2340
tatatcctca	ggtactggaa	gcatataagc	agagacacaa	agcttacctg	ggtggggaag	2400
gttcattcct	ggctgcacaa	gcatgccctg	tggaggcaaa	agggaaggc	ggtcaacttg	2460
ggtataga						2468

<210> 7807

<211> 1010

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (998)...(222)  
 <223> similar to gi6018458 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7807

tttttttttt	tccagcaacg	ctccttttaa	tatccggatg	tccaaagcca	cagcctgtgt	60
gttgagcccc	gggtagggct	gctggccgga	ggctgttggc	ttccagcagc	agcacgacgt	120
ggctttttga	aaggagagcc	cggagagtgg	cggccagcag	gggcccagcc	ccatgggccc	180
cgtgcctggt	cccagctgcg	gcgtccctct	ggccagctac	aaaggggaat	gcttctcgaa	240
gggcacggtc	aggaggcggg	cggccgcctc	gtccaagaac	cagcacagtt	tcccgggtgtg	300
gggctggacc	agggcggcgg	gcagcggggt	ttcctcctgg	tcctccaaaa	tgcgcttcag	360
aacagctgcc	ttgccttctc	cagttgccac	aaagatgaca	gttcgtgctg	cattcaggac	420
aggtagtgtg	agggtcacac	gctgtggcgg	tggcttcggg	gagtcactga	tgggagccac	480
aatcttctcc	cgctcctgta	ggaggggggtg	gtctgggaag	agtgagcagg	tgtgaccatc	540
ggggcccacc	cccaggatca	gcaggtcgaa	aaccgggatg	gagtcacctt	ggaatgcctg	600
tctcagcttc	ttggcgtagt	cctcagccgc	ctcctccaca	ggcagctcgg	ggttaatggt	660
gatcacctgg	ctttctggga	tcggcagttc	ggagagaaga	tgcgtccggg	agaggccgta	720
cgtgctctcg	gcgtgatcga	agggcacgag	gcgctcgctg	cagaagcccc	gcgtccagcg	780
cgctaagcta	gctggcccgg	caggggagac	ggcggcgggt	agctcgccgg	ctagcatcga	840
gacgaggctc	ccgcccagca	agccgagcgc	gaaacgggcg	cgggcccctg	ccaggcagca	900
tgctgcgcgc	tgggccacca	gctgcgctag	cgccgcaccc	agctcctggg	aactcgagaa	960
caccgagatg	aggcccgggg	ccggcgcggc	catggcgagg	gcggcggcgg		1010

<210> 7808  
 <211> 2182  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (178)...(1457)  
 <223> similar to gi3766197 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7808

gcggccctcc	cccgcgccac	cccgcgcgct	ccgctcgggc	gcgaggggac	ggggtcgcac	60
tcagaaatgg	cggcctccat	gttctacggc	aggctagtgg	ccgtggccac	ccttcggaac	120
caccggcctc	ggacggccca	gcgggctgct	gctcaggttc	tgggaagttc	tggattgttt	180
aataaccatg	gactccaagt	acagcagcaa	cagcaaagga	atctctcact	acatgaatac	240
atgagtatgg	aattattgca	agaagctggt	gtctccgttc	ccaaaggata	tgtggcaaag	300
tcaccagatg	aagcttatgc	aattgccaaa	aaattaggtt	caaaagatgt	cgtgataaag	360
gcacaggttt	tagctggtgg	tagaggaaaa	ggaacatttg	aaagtggcct	caaaggagga	420
gtgaagatag	ttttctctcc	agaagaagca	aaagctgttt	cttcacaaat	gattgggaaa	480
aaattgttta	ccaagcaaac	gggagaaaag	ggcagaatat	gcaatcaagt	attggtctgt	540

```

gagcgaaaat atcccaggag agaatactac tttgcaataa caatggaaag gtcatttcaa 600
ggtcctgtat taataggaag ttcacatggg ggtgtcaaca ttgaagatgt tgctgctgag 660
actcctgaag caataattaa agaacctatt gatattgaag aaggcatcaa aaaggaacaa 720
gctctccagc ttgcacagaa gatgggattt ccacctataa ttgtggaatc agcagcagaa 780
aacatggtca agcttttacag cctttttctg aaatacgaatg caacctgat agaaataaat 840
ccaatggtgg aagattcaga tggagctgta ttgtgtatgg atgcaaagat caattttgac 900
tctaattcag cctatcgcca aaagaaaatc tttgatctac aggactggac ccaggaagat 960
gaaagggaca aagatgctgc taaggcaaat ctcaactaca ttggcctcga tggaaatata 1020
ggctgcctag taaatgggtgc tggtttggct atggccacaa tggatataat aaaacttcat 1080
ggagggactc cagccaactt ccttgatggt ggtggtggtg ctacagtcca tcaagtaaca 1140
gaagcattta agcttatcac ttcagataaa aagggtactgg ctattctggt caacattttt 1200
ggaggaatca tgcgctgtga tgttattgca cagggtatag tcatggcagt aaaagacttg 1260
gaaattaaaa tacctgttgt ggtacgggta caagggtacac gagtcgatga tgctaaggca 1320
ctgatagcgg acagtggact taaaatactt gcttgtgatg acttggaatga agctgctaga 1380
atggttgtaa agctctctga aatagtgacc ttagcgaagc aagcacatgt ggatgtgaaa 1440
tttcagttgc caatatgatc tgaaaaccca gtggatggct gaagggtgta aatgtgctat 1500
aatcattaag aatactgtgt tctgtgttat tgttcttttt ctttttagtg tgtggagatt 1560
gtaattgcca tctaggcaca caaacattta aaaggatttg gactgcattt aattgtacca 1620
ttcagaatgg actgtttgta cgaagcatgt ataatgcagt tatcttcttt ctttcgtcgc 1680
agccagtctt ttttgcttct cctacaaaac gtaacttgca atttgccagt ttattattgt 1740
tggtacacaa gttcttcatt gataagagtc ctataaataa gataaatacg aagataaagc 1800
tttattcttt agtggttaaaa tacagtatat ctaataacta gcctcattag tagagcagta 1860
tattaaaaca atgttttatg taaaaagtgt ttatcttcag caccaaatac atgataaatg 1920
tatcaatcac tatttataaa cagagctttc aaacactcct cagaatattc ttctaagtat 1980
tttgatgaag taactttgta attatttgaa cattgtttta atcattagga aacactgatt 2040
aactgcaagt cttcatgatt ctgtcatatt aagaaacacc tgtagggttg cttcaaataa 2100
aggcatatat accaaggact tacagacaaa attaagaatg tcaattttaag ttaataaaaa 2160
tctcccaata tgaaaaaaa aa 2182

```

<210> 7809  
 <211> 669  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (662)...(287)  
 <223> similar to gi3171874 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7809
ttttttttac tgagaaactg cagccatttt tcagtcacgc acggctgata tttattatgt 60
ttattcataa tttgattgct tgtttgtgca gtgcttagtg gacagcacat ctcaggagc 120
ctcccagagg cctgggggtg aatacgggtca tggaccatac aggaagcttc accagactgg 180
gaggetgagg gccttccccg agcctttctg ctgataggga aggagagaa actgagagca 240
tcaccatttc ttcagttagt gctttctcct ttctgtaatt cctgttagtc atcatcatca 300
tcatcctctg gaacaaaaat gtcatgttcc tcaagtagag cagcaaagtt cttgctaattg 360
agtgtcccgga catagagaaa ggggatcaca atggagaaca cacggagaag gccgaaggac 420
attttcaccg gtttgggcaa aatggcgccg ctgcggttaa cgatgactga cctcgacggg 480
accaggctcc ggcctgagcc gctccatgcg gcggagacat cgccatcttt cctcaagcta 540

```

```

ggccccgctcc ggagagcccc ggacctgacg ggtgcccaata ctagccagcg agccgctccg      600
gacgccatgc  cccagctcc  gccctcacc  cgggcacccg  caccaccg  cccagccctc      660
gtgacgaaa                                     669

```

```

<210> 7810
<211> 1652
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1455)...(1264)
<223> similar to gi299471 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7810
atggaacatt tccattacgt ggaatacacc aaagtcaaga tgccctatgt acctgtccaa      60
aactacccca tcaaggctct ttccagattg atgaatttgt ccacactgaa agttcttcaa      120
cgaagatgca gctagtaaac cagaggcttg aaactgtcac agaggtgata cgttcctgtg      180
ctgcaaaagt caacaagaat ctctcattta cttggccacc agcagtttcc tcacaacagt      240
ctaagttaaa gcagtcaaac atgctgaccg ctcaagagat tctacatcag ttgggtttca      300
ctcagaccgg gattatcagc atagaaagaa agccttgtaa ccatcaggta gatacagcac      360
caacggtagt ggctctttat gactacacag cgaatcgatc agatgaacta accatccatc      420
gcggagacat tatccgagtg tttttcaaag ataatgaaga ctggtggtat ggcagcatag      480
gaaagggaca ggaaggttat ttccagcta atcatgtggc tagtgaaaca ctgtatcaag      540
aactgcctcc tgagataaag gagcgatccc ctcttttaag ccctgaggaa aaaactaaaa      600
tagaaaaatc tccagctcct caaaagcaat caatcaataa gaacaagtcc caggacttca      660
gactaggctc agaatctatg acacataaag aattgaagaa aagttaagag ctgccgaaat      720
gcacagaggt gaaaatgaca aaccaaattg aatttctctt cagagttcag aattttcaga      780
tactaaggag gaagaaagga tccactactt cttgttctta tgaatgactc tagaaaaatc      840
agaatcaagt tgtgggtgga aaaatcaacg tggcctttga gttcagttgt tataaaccat      900
tgtgactatt gttggtcaaa gtattggtac ttatattggt agtaattgca tcataattac      960
attaccagtg ttggaaaact aatgaagaaa acactgtaat tgctactcag caaatgtgaa      1020
taaaaggtgt ttgcgttatt aggatgtctg ttaagtaatc atttaatat atttatattg      1080
taatggttgt atgtgtgatg ctatgccag aatatgaagt atctgttttt gaaattcact      1140
ttatttaaaa gataagcagc tgactgggca cgggtgcctc tgctgtaat cctagcacct      1200
tgggaggctg aggcagggtg atcacctaag gtcaggagtt caacaacacc agcctgacca      1260
acatggtgaa accccatctc tactaaaaat acaaaaatca gccgggtctc atggcaggca      1320
cctgtaatcc catctactga ggcaggagaa ttgcttgacc caggaggcag aggttgagc      1380
gagccaagat cagccattg cactccagcc tgggggacag agcaagactc tatctccaaa      1440
aaacaaaaaa gataagcagc tttagaatat ggcgcattca aaacagtctc agtaacaaag      1500
acattaaaag aaaacaattt actttctaata taaaattttg tgtttcttaa gatcaaata      1560
tataggtaac ttcataagacc taaattaaaa gtgatttttg gctggactgg caacaatgtt      1620
cccaatgtct ttacttttta aaaaaggctt tt                                     1652

```

```

<210> 7811

```

<211> 944  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (30)...(482)  
 <223> similar to gi4894941 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7811  
 cggaattgt tcgcttttagt gccggcgcca tggggtcgga gctgatcggg cgcctagccc 60  
 cgcgcctggg cctcgccgag cccgacatgc tgaggaaagc agaggagtag ttgcgcctgt 120  
 cccgggtgaa gtgtgtcggc ctctccgcac gcaccacgga gaccagcagt gcagtcagt 180  
 gcctggacct tgcagcttcc tggatgaagt gccccttggg cagggcttat ttaattaaac 240  
 tttctggttt gaacaaggag acatatcaga gctgtcttaa atcttttgag tgtttactgg 300  
 gcctgaattc aaatattgga ataagagacc tagctgtaca gtttagctgt atagaagcag 360  
 tgaacatggc ttcaaagata ctaaaaagct atgagtccag tcttccccag acacagcaag 420  
 tggatcttga cttatccagg ccacttttca cttctgctgc actgctttca gcatgcaagt 480  
 aggtatttca ttaaaccattc agaaaagtta ccaatttaca agtgggtttt tcatccccaa 540  
 ggaatacttc taacttagtt gatatcaatt cagagcatat tttcccctag aaataatatt 600  
 aggaatattg gccaaagtgc tatattccca gtttatccca taatgtagct aacaacttgg 660  
 aactagtgtt gccagaattc cactagcaaa tagcagctgt atatatatgc tgggaattct 720  
 gatttcagtc tgccttttgt aagagatgat atctgtcatt aaaacagctc tcacatgtga 780  
 tttttctgct catatttttt aaaaagtact ggttgggcca ggcgtggtgg ctccgcctg 840  
 taatcccaac actgggagggc agaggcagga ggactgcttg aggcaaggag ttcaagacta 900  
 gcctagacag cataataaga cccaatctc ttaagaaata aaaa 944

<210> 7812  
 <211> 1902  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (381)...(1386)  
 <223> similar to gi736727 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7812  
 ccacacacac cacacacaaa gagtgcatt gagagccttg ggccaggacg ctagaagata 60  
 gggatgtagt tgtcgatttt ggcgcggtgg cgctgggcca tacattcagc gatccacacg 120  
 atgttgcgac actcctgctc cttgagcttc acgaaggcat agaagacacc aaagtggaac 180  
 tggttcagga aggccaactt gttcagcttt acctcgtgct caaagaatcg gtcctccagc 240  
 gtcttgtctg caccaggttg aggtagtcgg cctggctgag caccgccggc ttcaggccgc 300  
 gcaccagtcc ctccaagtag ccattgtcca cgttaaagta aagctccggg aagaacgaca 360  
 tggctgctgc gggagcggcg ggactggtgc gcggcctgaa ggccggggtg ctcagccagg 420

```

ccgactacct caacctggtg cagtgcgaga cgctagagga cttgaaactg catctgcaga 480
gcactgatta tggtaacttc ctggccaacg aggcacacc tctgacggtg tcagtcacg 540
atgaccggct caaggagaag atggtggtgg agttccgcca catgaggaac catgcctatg 600
agccactcgc cagcttccta gacttcatta cttacagtta catgatcgac aacgtgatcc 660
tgctcatcac aggcacgctg caccagcgct ccatcgctga gctcgtgccc aagtgccacc 720
cactaggcag cttcgagcag atggaggccg tgaacattgc tcagacacct gctgagctct 780
acaatgccat tctggtggac acgcctcttg cggtttttt ccaggactgc atttcagagc 840
aggaccttga cgagatgaac atcgagatca tccgcaacac cctctacaag gcctacctgg 900
agtccttcta caagtctgc accctactgg gcgggactac ggctgatgcc atgtgcccc 960
tcctggagtt tgaagcagac cgccgcgcct tcatcatcac catcaattct ttcggcacag 1020
agctgtccaa agaggaccgt gccaaagctct ttccacactg tgggcggctc taccctgagg 1080
gcctggcgca gctggctcgg gctgacgact atgaacagg caagaacgtg gccgattact 1140
acccggagta caagctgctc ttcgagggtg caggtagcaa ccctggagac aagacgctgg 1200
aggaccgatt ctttgagcac gaggtaaagc tgaacaagtt ggcttctctg aaccagttcc 1260
actttggtgt cttctatgcc ttcgtgaagc tcaaggagca ggagtgtcgc aacatcgtgt 1320
ggatcgctga atgtatcgcc cagcgccacc gcgccaaaat cgacaactac atccctatct 1380
tctagcgtcc tggcccaagg ctctcaattg cactctttgt gtgtgtgtgt gtgtgtgtgc 1440
gcgtgtgtgt gcgtgtgtgt gtatgtggtc tgtgacaagc ctgtggctca cctgcctgtc 1500
cggggtgtag tacgctgtcc tagcggctgc ccagttctcc tgaccctctt agagactgtt 1560
cttaggcctg aaaaggggct gggcaccccc cccaccaag gatggacgaa gacccccctc 1620
agagcaagga ggccccctca gccctgtggt tacagccgct gatgtatcta aaaagcatgt 1680
cactttcatg ttctcccta actccctgac ctgagaaccc tggggcctgg gggcagtttg 1740
agcctcctct cccttctgtg ggctcgtccc agagccatgg cccatgggaa ggacagagtg 1800
tgtgtgtcct tggggcctgg ggggatgttg ctctcagct ccctccctca gccctgcccc 1860
tctgagacaa taaaactgcc ctctctaagg ccaaaaaaaaa aa 1902

```

<210> 7813

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(763)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (639)...(378)

<223> similar to gi642605 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7813

```

taaaaagggc cccctttttt tttttttttg tccctaaata gcatgcgttc atgacgctgg 60
ctcactttat ttttggcccc aggtcaggct tcccaaaggg tttcccagca gtcacttcag 120
agtctcctgc agagtcacca tcaagcagac ctcttctctg ggaggcctg tgcgcccccc 180
aacccttgac ttctggtatc accatctcct gtcacctggg ctccagtctc tgtccgatgg 240
cctcaacagg acatcaaagc atagctacca gtttgaaggt gccctcaggc ttggcaggaa 300
ccacgtggac aaaagtcttg tagagcacag cacccttggg cagcctggtg atcagatcca 360
cagcctccgt gtttctggga tgaggcacgt agacctcctt agtgtagcgg actatccct 420

```

cttccagggc	atacagacat	ttattcttcc	caacacccac	atgggcacct	gggtgccagc	480
ggaaatggcg	ctgtgttgca	atgatgttcc	cagcatgaac	atagtacac	tccattttct	540
taatgccttg	gcgtctgcct	gatgactttc	caccgaggtt	tttggagcta	ccaccgcact	600
tcttggatgc	gtatctgaca	gcaagagctg	tagccggagt	ggggcttagc	aaggatgtaa	660
cggctgtccg	ggtcctcagc	gccaacacca	ccgacgccat	gccggacgcg	tgggtcgncc	720
cggaaaggcc	gtcgatgtcc	gcacgcgac	aatnngaccc	ac		762

```

<210> 7814
<211> 3021
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (527)...(2435)
<223> similar to gi4868122 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7814	
tttcgtatga	gaggtctgtg
ctagagccca	gcgttgccc
cctgtacttg	tcccaccta
cctctccttt	tcttctcct
agaaagcccc	caacccaact
tatctcgtct	ctcgggctcc
caaagttgca	tcgtctgaca
ctacagcccc	gcaaactcct
tcccccccat	cctccgcgc
ctcctttaag	ctgctgctgc
tggggaaaaga	aacgaaggga
gaagcgccctg	aaaaggagag
agagatgctg	tgcggtggct
ggggctaggg	cgcttgaga
gttactggag	gaaatcaaat
acctgagaga	gaagtcttgg
caaagaattc	ttttacactt
tgagttttgc	ttttactatg
aaaacaagtc	agaggaccag
ggaagagatc	agcagaaagc
gctgcggcag	ccggttggtg
ggaaaaagaa	ggttatgtga
tttggacatt	cacaaacttg
aagcctcgca	ttccatccca
caaccaagaa	cgggtgggcta
agtatccaga	aaaaatccac
tgcagaactc	cacagaaagc
gtacatcatt	cttgggtgatg
aagtgatttc	acaggctcag
ttattccata	ccaaggagca
tgctcatggg	ctccacgatc
gagttttctgc	agccgcgctc
agaggagacc	tcagcatcat
cgccgcgctc	cggttctgtt
aagtgaacaa	ctgtggctga
tcccacttcc	cagccgcagc
cggtgtcatc	cgcacaactt
gcccgcgtctt	ttattttttg
ccctctgtct	ctggagtgcc
ccctctgtgg	gcagtggcgt
cagacgatgc	tgaagatgct
tgtgaaggag	atgctaagtt
tgctgaatg	ggaaccccc
ctggagctgc	tgagtggggg
tgcttgccga	gtgacagccc
aacaacacag	aatgtgggaa
tctcaaagcc	tgttccactc
ctgctctgca	aagactattg
ttccttcaaa	caactgcgga
atgttccaag	atgttccaag
atggaagaat	atgacaaagt
attcaggagg	ttgtgagtgg
tcgcaacgct	tcttcattct
gaaattttca	aggagcctta
ggagatgaaa	gaggactgct
ttgtatgtgt	cctataccac
cttaggggtg	tgggaatacac
gccagagtct	ttcttgaagt
tttggccctg	acggcctttt
atggaagaaa	tggatggggt
acagacatgt	gcaacgtgcc
aaccagcccc	ccgaagtgtt
agacatccca	ctgatataaa



gcagccgcgg	ccgcccgcgc	ccagctgcat	gacccctgcag	gagccggcca	ggccccctgc	1080
ctctctcttg	tgtgaccccc	tcaccccttg	ggcccccagg	acacccccgg	tgggtgtgtg	1140
gctgcaggaa	ggcagggttt	ttaaggcaca	aggaagccaa	gtcgtggtcg	gggcgcccac	1200
ctgcaggccc	cacgcccagc	acaggcccca	ccaaggcatg	gccccgaggg	tctggccccg	1260
ggtgtggagg	gcccgggaact	cccgtgcca	cagtcaccaa	gagcctgagc	tgtccctgtc	1320
accgcagggt	gagcaagggt	aactagattt	aattttttta	aaaacaggta	aactgatttc	1380
tctttaaaaa	aataaaatct	ctggctctgt	aaggctactt	cagctgtttt	taaagtggct	1440
tttctctgga	atgatggaag	ttgtcgccag	ggggcccggc	cgtggggggc	tgtgccccta	1500
gatggtggac	ttggagaagg	agacccgcag	gtggtggttc	tccccgaggt	cgtggttgtg	1560
caggtcaatg	agggcctgga	ccgcctcctc	cacggagccc	atctggatca	gtgccatctt	1620
gcggctcctt	tggaagaact	tgaatccttt	gacgacgccc	ccattgctgg	aaaacaggac	1680
cttgagatcc	tcctcgagga	ctgagggcgg	aggtgcagcg	tggccgaggg		1740
cgggaatatg	ttctggaagt	tcttgagagc	cggcttcttg	aagcggtgca	ggggtgagtt	1800
gccgtagtcc	ttggtcaggc	cctggtcctc	ctggccctcg	cggggcagct	gcacgttctg	1860
gtgcttcgag	agcgtgatgc	ggatgggctt	cccgtgcagc	ttgtgcccgt	tcagggtggct	1920
catggccagc	tgggcctggg	tgccgtccgc	catctgcact	agggcgttct	ccttcttatt	1980
gaacaggatc	ttcacgcgct	gcacgtcacc	gtagacgccc	aaaagaataa	agaggctttg	2040
gggtgtgact	ctctctgggt	tgaggttgct	gaccagcaat	acagaatttc	ctgcccccg	2100
caggcccggg	atggcgatcc	gacctgccgc	cgcagctgcc	gccgcccggc	aggggatggc	2160
caggggggcc	agggcgccgt	ggacgttcgg	aacggaaagg	ccgaaggccg	cggccatggt	2220
ctgggtccagc	gagggctggc	tgtccccgga	aggcagggtc	gggcgtgtgt	agtcacggct	2280
cttgtcattg	ttgtacttga	cgttgaggct	ggtgagcttg	gaaaagtcga	tgcgcagcgt	2340
gcagcaggcg	ttgtagatgt	tctgcccgtc	cagcgacagc	ttggcgtgct	gggcgctcac	2400
ggggtccgca	tactgcagca	gggcctggaa	ctggttggtc	ttggtgaagg	tgatgatctt	2460
caacactgtg	ccgaacttgg	agaaaatctg	gtgcagcaca	tccagggtca	cagggtagaa	2520
gaggttctcc	acgatgatcc	tgagcacggg	gctctgcccg	gccatcgcca	tccctgcac	2580
cacggccgccc	gccgaggcag	ccaaggccag	gttccccgac	tggaccgagt	tcaccgcctg	2640
caggggccgccc	tggggccgcg	cctgggttggg	agagctgtcg	gtcttcagct	ccttgtggtt	2700
ggagaactgg	atgtagatgg	gctggccgcg	cagcacaggg	gtcaccgagg	tgtagtagtt	2760
caccatggta	ttggcagcct	cctccgtggt	catctcgatg	aaggcctggt	ttttccccct	2820
cagcatcagg	aggttgggtg	ccttcccaaa	gggcagcccc	agggagatga	cctccccctc	2880
cgtgacgtcg	atggggagct	tccggatgtg	gatcactcta	gaggggacgc	ctgcacttcg	2940
gctgtcacct	ttgaacttct	tgtgttcatt	tccgtttgct	gcagaagccg	agttgtgtgt	3000
catgataaac	ggtccgttag	tgacacaagt	agagaaaagc	tcgtcagatc	cccgttttgt	3060
accaacgggt	atatctggga	caatgccgtc	catggcacac	agagcagacc	cgcgggggac	3120
ggagtggagc	cgccggaat					3139

<210> 7816  
 <211> 1226  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1055)...(396)  
 <223> similar to gi4929681 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7816  
 tttttttttt ttgaattcaa caagtattta ttgagtgtct attatgtgct agatactgag 60





tctttctcct	gcgtgtcctg	cttctcctcg	ccggtctcct	ccgcagggtt	ctctttcttct	1080
tgtttctggg	acatggcggg	accgggactg	tggagtgtaa	ggggcccggg	aaggcaaccg	1140
gagaaggga	gggggagggg	aaacggggac	aacctgcgct	gctgcttcgg	ctcctgtcac	1200
tagggt						1206

<210> 7818  
 <211> 1260  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (81)...(912)  
 <223> similar to gi4050096 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

6436-5238450

<400> 7818	
tgcgcgtgcg	cagggataag agagcggctt ggacagcgcg tggccggcgc cgctgtgggg 60
acagcatgag	cggcggttgg atggcgcagg ttggagcgtg gcgaacaggg gctctggggc 120
tggcgctgct	gctgctgctc ggccctcggac taggcctgga ggccgcccgc agcccgcctt 180
ccaccccgac	ctctgcccag gccgcaggcc ccagctcagg ctcggtgcca cccaccaagt 240
tccagtgcgc	caccagtggc ttatgcgtgc cctcacctg gcgctgcgac agggacttgg 300
actgcagcga	tggcagcgat gaggaggagt gcaggattga gccatgtacc cagaaagggc 360
aatgcccacc	gccccctggc ctccccctgcc cctgcaccgg cgtcagtgcg tgctctgggg 420
gaactgacaa	gaaactgcgc aactgcagcc gcctggcctg cctagcaggc gagctccggt 480
gcacgctgag	cgatgactgc attccactca cgtggcgctg cgacggccac ccagactgtc 540
ccgactccag	cgacgagctc ggctgtggaa ccaatgagat cctcccggaa ggggatgcc 600
caaccatggg	gccccctgtg accctggaga gtgtcacctc tctcaggaat gccacaacca 660
tggggccccc	tgtgaccctg gagagtgtcc cctctgtcgg gaatgccaca tctcctctctg 720
ccggagacca	gtctggaagc ccaactgcct atggggttat tgcagctgct gcggtgctca 780
gtgcaagcct	ggtcaccgdc accctcctcc ttttgtcctg gctccgagcc caggagcgcc 840
tccgcccact	ggggttactg gtggccatga aggagtccct gctgctgtca gaacagaaga 900
cctcgctgcc	ctgaggacaa gcacttgcca ccaccgtcac tcagccctgg gcgtagccgg 960
acaggaggag	agcagtgatg cggatgggta cccgggcaca ccagccctca gagacctgag 1020
ctcttctggc	cacgtggaac ctogaaccgg agctcctgca gaagtggccc tggagattga 1080
gggtccctgg	acactcccta tggagatccg gggagctagg atggggaacc tgccacagcc 1140
agaactgagg	ggctggcccc aggcagctcc cagggggtag aacggccctg tgcttaagac 1200
actcctgctg	ccccgtctga ggggtggcgat taaagttgct tcacatcctc aaaaaaaaaa 1260

<210> 7819  
 <211> 1035  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(1036)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1016)...(257)  
 <223> similar to gi3970866 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7819

gaggcgccgg	tagtgaaggt	gggaagtgtt	ggagcaagcg	tcactggcgg	tgagaagggg	60
gcggtaggtt	tttgcttta	ccaactgagt	ctccttcacc	ttccaatcta	aggaccagct	120
aagacgatga	agtggaagg	tgccagancc	gcccctcctg	ctccctatgc	tgtgaggcag	180
cccccttcca	tcactggcct	ctgcttccct	ctccccattc	cgtgcccag	ggctgctctg	240
cagacccagc	tgggtgctgg	tcgggaagcc	agagcccggg	cctccccga	ctcaccatta	300
ctgtggtttc	ctgtttggag	ggaggcagg	ggctgcagg	tgctgctcaa	ggccccgtac	360
ccgcggtaac	tgtagttag	gccgccgttg	gcgtacacag	ggctcctggg	gtaggaggag	420
gctggcagtg	agtaggtgga	gtgggtgatg	gctgcggagt	cccgcgagtg	ctgcttgtcc	480
agggctatgg	gctcatcctg	tgaggactgg	tagatctcta	gacgcatccg	cttggtgcc	540
tttcttgtct	cgtcttcaca	ggcagctgcc	aggatgtttt	ctgccatggc	cgaggctcaga	600
tggggtggcg	tgggtctggt	catctccatg	ccgttcttct	tcatgcgacg	gcaggacttg	660
aggtacgtgc	ggatgcgctt	gcgggcccgc	tcctggaact	cagggaactg	ccggctgcag	720
gactcgatga	tggcctggat	cttctccttg	ggctgcttgg	agatgggcac	catgcggtcc	780
aggttctcgt	ccacaaagag	acgcacaaac	atgttgaagg	ccttaagacg	ctcagggtcc	840
atgccttcag	agtcgttcat	cttgtcattg	tcctcatggg	catcgtgggc	atcgtcgtca	900
tcatctgccg	tcggggcccg	gcccactgtc	aggtcctcag	ggcagccgct	gacctcgggc	960
ttgatggaat	cgtatctccc	agagctgtaa	gggggggcct	cgggggtgtc	ttccccccgc	1020
atttgacgcg	gatgg					1035

<210> 7820  
 <211> 1085  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1086)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (643)...(795)  
 <223> similar to gi5306259 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7820

cccccccaa	gtttttttt	ttctttttt	tttttgtct	agaaaaaagg	cttttattgt	60
-----------	-----------	-----------	-----------	------------	------------	----

```

cccaggctgg agggcaggggt cagaggtagc tgacatcatt gcagatgatg ggctggcggc 120
tacgacagct catgagagct gcaaagcgtg agacatccgc aggcagttca ggttctgggc 180
gaggtgggca tgacagccgc ttctctgcca tagctgtccg ccgagccctg gccagccggc 240
gccgaagctg ctcagagagg ccaagcagga actgaggggg ccgagcacgg gcacggtgcc 300
cacctccgtc acccccttca ctccctgtct caggcagctc catccagttg tgcaccaagt 360
cagcaaagca attgtccct agtaccaggg gctggcgact gcgaccctg ttcagtaggg 420
ctgctgtcca gtccctctgt tccagtcctt gccagtgtc caggcaggcg tctggggtgg 480
acttgggccc tggatgggtg acaggtggta cactggctac agggggccctg ctgggcatgg 540
ggaggccact gactgagagg cactgcctac gaaggggctg tgctgagggg gctgggcgct 600
gggatacagg cagttcttcc tctcgccatg tgctgcctga cacctccgag aagccagagt 660
cccagtccag ggcatgtctc ctggggcctc ccaaggctgc atccctgtct tctgtcacca 720
ctgtcttctc ctccctctct tccctctcct ccacacagca gactgagtcc tcttccaagg 780
cacccgaggc ccctaagctg gtggctgggc tgcacatctg ggccagtttg ggaggttggc 840
tgcaggggac caggcattga ggggtgagct gtgtcccgac cacacaacag tcccagcgg 900
agctggctaa ggaagctgtc aagccgagcg ctgtgcatgt ccatgccagg gccccaccg 960
aacctactag ctctcttgg aaccccgcg gagccgcgag gagagggctg ggaggggcgg 1020
ccagcggcgc cctcaggaat tccnccgcac tgtactaggg tcttcgaggn nnnnnnnccc 1080
cgctc 1085

```

```

<210> 7821
<211> 2208
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (31)...(2101)
<223> similar to gi4071357 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7821
gcgggtggaat tcgcgaggagg agcgctgacc atggctccct ggccctgaatt gggagatgcc 60
cagcccaacc ccgataagta cctcgaaggg gccgcagggtc agcagccac tgcccctgat 120
aaaagcaaa agaccaacaa aacagataac actgaggcac ctgtaaccaa gattgaactt 180
ctgccgtcct actccacggc tacactgata gatgagccca ctgaggtgga tgacccttgg 240
aacctaccca ctcttcagga ctcggggatc aagtggtcag agagagacac caaaggaag 300
attctctgtt tcttccaagg gattgggaga ttgattttac ttctcgatt tctctacttt 360
ttcgtgtgct ccctggatat tcttagtagc gccttcacgc tggttggagg aaaaatggca 420
ggacagttct tcagcaacag ctctattatg tccaaccctt tgttggggct ggtgatcggg 480
gtgctggtga ccgtcttggg gcagagctcc agcacctcaa cgtccatcgt tgtcagcatg 540
gtgtcctctt cattgtcac tgttcgggct gccatcccca ttatcatggg ggccaacatt 600
ggaacgtcaa tcaccaacac tattgttgcg ctcatgcagg tgggagatcg gagtgaattc 660
agaagagctt ttgcaggagc cactgtccat gacttcttca actggctgtc cgtgttggtg 720
ctcttgcccc tggaggtggc caccattac ctcgagatca taaccagct tatagtggag 780
agcttccact tcaagaatgg agaagatgcc ccagatcttc tgaaagtcac cactaagccc 840
ttcacaagc tcattgtcca gctggataaa aaagttatca gccaaattgc aatgaacgat 900
gaaaaagcga aaaacaagag tcttgtcaag atttggtgca aaacttttac caacaagacc 960
cagattaacg tcaactgttcc ctcgactgct aactgcacct ccccttccct ctggttgacg 1020
gatggcatcc aaaactggac catgaagaat gtgacctaca aggagaacat cgccaaatgc 1080
cagcatatct ttgtgaattt ccacctcccg gatcttgctg tgggcacat cttgctcata 1140

```

```

ctctccctgc tggctcctctg tgggtgcctg atcatgattg tcaagatcct gggctctgtg 1200
ctcaaggggc aggtcgccac tgtcatcaag aagaccatca acactgattt cccctttccc 1260
tttgcatggt tgactggcta cctggccatc ctgctcgggg caggcatgac cttcatcgta 1320
cagagcagct ctgtgttcac gtcggccttg acccccctga ttggaatcgg cgtgataacc 1380
attgagaggg cttatccact cacgctgggc tccaacatcg gcaccaccac caccgccatc 1440
ctggccgct tagccagccc tggcaatgca ttgaggagt cactccagat cgccctgtgc 1500
cactttttct tcaacatctc cggcatcttg ctgtggtacc cgatcccgtt cactcgccctg 1560
cccatccgca tggccaaggg gctgggcaac atctctgcca agtatcgctg gttcgccgtc 1620
ttctacctga tcatcttctt ctctctgata ccgctgacgg tgtttggcct ctgctggcc 1680
ggctggcggg tgctggttg tgctggggtt cccgtcgtct tcatcatcat cctggtactg 1740
tgcctccgac tcctgcagtc tcgctgcccc cgcgtcctgc cgaagaaact ccagaactgg 1800
aacttcctgc cgctgtggat gcgctcgtct aagccctggg atgccgtcgt ctccaagtgc 1860
accggtgct tccagatgcg ctgctgctgc tgctgccggg tgtgctgccg cgcgtgctgc 1920
ttgctgtgtg gctgccccaa gtgctgccgc tgcagcaagt gctgagagg cttggaggag 1980
gcgagaggag ggcaggatgt ccctgtcaag gctcctgaga cctttgataa cataaccatt 2040
agcagagagg ctgagggtga ggtccctgcc tcggactcaa agaccgaatg cacggccttg 2100
taggggacgc cccagattgt cagggatggg gggatggctc ttgagttttg catgctctcc 2160
tccctccac ttctgcaccc ttccaccacc tcgaccggg aattccgg 2208

```

```

<210> 7822
<211> 1015
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1016)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (913)...(192)
<223> similar to gi4929623 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7822
tttttttttt ttcatatctg catagtttta tttctttctc aattccacca gaaaaaggga 60
ttttcagaaa aaggcacagt tgtgcttcct ctaaagatgt agtctgcggg ttgggaagtg 120
ctggttcctt gaggttatct ggagcgtggt ttgtaaagaa gaaagttctt gtcttggcag 180
agcaggcaga gtttcaggct tcggcagctg cctcccgag ctaagaatgc ccagggtgcc 240
atgagcacca ggattataaa tgctgacgcc aggtttattc cataataaga acttatgaag 300
gtctgggctg acaccagcag gtgggtcagg agaacgataa ggaggatgcc ccactttttc 360
ttctcacagc catcaaaaaa tacaatgccc cagaatacat gcagcaagat aatgaccagc 420
gtcatgaaag ctgaataaaag gaagaattga ggagaatctc catgaatgcc cactgtgcct 480
ggccccaagg agtcagatag ggtattcaca aaggaaaata ctccactcat gattccaaag 540
cccaagccag aaacataggc cagcagtcgc atagagggtg ctgtctcacc tgggtttata 600
ctcttcaaac cttcactggc tttttttaag agttttataat atgcaaactc gaacatttct 660
tggatataga cagagacaaa cgctccaaag atcagcagat atttctgtgt tgggtccatct 720
ttgttgtcaa taatgactct tgccatgaac caaacaaggg acgaaatcag tagagacacc 780
aaccagaaga aagctccggc gatgagggaag atgatacgca acggctcggt ggcatgggtg 840

```

```

aagacataaa gggcgagcgc aggcccgag gcaatgaagg cgcagccgaa gaacacggcc 900
gcagtcattg ccaccgcgga aaccgacccg gggggccggt ggggacgcga gatgctcccg 960
gcgcggggcg gggtcgggtga attccaccgc nctggactag tgatctgcga tcaaa 1015

```

```

<210> 7823
<211> 2646
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2647)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (2247)...(27)
<223> similar to gi4426607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7823
tttttttttt ttttaagactc tgttatgatt ttattttcttc aattgttcca atcacagttt 60
ctaatacaga aataaaaacta ttcagcgtct ccgttcttgc ttcattttgt ttcacagaga 120
tctgcatttc tgagtttcca ggctccaata gcagttctgt taagaacaga cagccagtat 180
catcctgagc actgaggtat gctttccatg gccgagaccc agccctactc attgcgatgg 240
tctggatggt cactacttga agagccatct ggaggggtgc aggatggaat tctccccgcc 300
aaggcaacac ttgctgatga gcaactttta ggctaagcca agttttctca aaataatcag 360
cagtaagctg gcgattgggg actagcatga gggctccaga atcagggagt tcttgtaccc 420
tctccttggt ctcttcagga atcaagggtc ctgatgcggc aaaggatgaa gttttaggaa 480
gctctgggtc acaacgctct gccccctggc atttagagat agttgcccag tgggctttgc 540
catacactgg caccagtgtg ttgaagtctg aggccagct attcacaggt ctttctgccc 600
gatcctccaa agtccaaga gtagggctcag atttagggct acacagaatc cgcttaactt 660
catcaatgcc aactaagagg aggcgataat agaagagacc tcgggtccgt acagccatat 720
ctttttcttc ctctatgcag taatacaaca aacgtcctag catgtcctgg cactcagcag 780
gtcgggagag gaaaaggcgc agcaaagcag tgagcagctc catcttaaca gctggaaatg 840
tttccgactt cacattctca acaaagtcct ctaacacata aggagcatta ggaattcttt 900
ccccatggac accaagtagc caaataagtg cttgcttccc ctactatct tgaatgttct 960
cttcacagcc gggcagggcc tgacatacag cttcagtaca ctgaggacac aaccaaacca 1020
gggtctcgaa agtctgcacc accactgtgg taatgtgctc ttgtcgaaga cccagcaact 1080
ctgttaaaat ctgaacacat tgatctgtgt aagtctggc aatgccacct atggcaaaga 1140
tggcagcctg tgcaaagtcc gcagacacat ccgtgcagta cctcgaagc tctctagca 1200
cctgctgcac attctcatcg ttcaccagtt cacacagcac ctccactttc tgtagtttga 1260
tgtagtgggg ctccgagtag gagcaaaaaa acttttttga gtggctgcta aagtgccttg 1320
gtaaaactat caagatctgg cgtacatgac aaagagcaac aaaacagagc tcacggctct 1380
ctgaagaaca ggcagctagc aaaggctcct tgacccgcac aaggacatca gtttgtacgt 1440
ggggaaacat ttttgccaag atcagaaaaa gtttggtagc tcccatcacc acacctgggc 1500
tactgctctt gaggaacta tccaacagat tgagaatgtc aaatagttct tcctcactgc 1560
ggggtttgga gcgtagcaga aagttcaata cttcagcctg gcccatttgg tccagttttg 1620
acattcgatt taagagatgg tgagcaatgg gcttattgat gacaacgcct ccttcctggt 1680
tcagaatttc ctctagagac ctcaagcagt tcacaactac aattggatcc tggtcacgca 1740

```

```

gcaaactgta taattcattt accagggcac catctacttc agagtctcca tgaagattat 1800
gcatcttggc acatccaagg actaccactc tcctgacata tgaagcctta tcccgcagac 1860
cattgagaat aggctgttgt atatactcct gcacaccagg catcctgagg ctacacatgc 1920
tccgtaacgc cagccctcgc accattggat tgggggtctga gcagtctttg cacagcgtat 1980
tgatggccag gagagccaga tctggtttca ggggagcata tgtgcacatg tacagataaa 2040
ccaacttctt ctggacaata tctacagtgg cactggcctt caccatttcc ataaaaacac 2100
cagacatgtc caagccttga gtcatgtacc taatcactcg ctggatgaca ttccggtagc 2160
gcagcctatc agcttgaatg tgaggattgc acagagcctt cttcagctcc ttaccacagt 2220
cctcggagcc aaggtacggc atcttcctaa gagtcacagg gcagctccca cagctcccac 2280
ggtaactcga gggctccttc tcgtcctgat gtgggagcca tcggccggca ggccgttcgc 2340
cccgcccaca gatcgctccc gctacttcta tccagcctta attccccctc cagcccggtc 2400
cgactgaccg cagacccctc cctctccagt tccagcctta attccccctc cagcccggtc 2460
tcatcgcgga taggccaat cttgctttct gcggaagtcc cgcccccttg tcaagagacc 2520
aaacagaaga gcgctgccgg tctccccgcg agcgagcgct aagcgtagtc ccgactccga 2580
ccttaggatg cccttcacga aatcgtcgac ccgggacatt ncnacgggtc ctgcagtggg 2640
agcat 2646

```

```

<210> 7824
<211> 853
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (493)...(150)
<223> similar to gi286065 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7824
tttttttttt ttttggttgt gacatgttga atattattaa cccattttac agaggggaag 60
caaggctcag agaaagttta aaagggaacc aaggtcaggg gcagaaatgg gaggcagagg 120
ggaggcacc atctcacacc ccaccctag ggactaaagc cgtagccaac agagcagtag 180
taatccgct cgtcttcagg ctgcacggga ctaatggtga ggacacaggc attgtgggcc 240
tcatccttgg ctgccgagaa tcgatcgggg atgtcagcag gccggtggtg atcctcctcc 300
gagcggtagt agaggagata tcgaggggca ctgcctgccc gctgctggta ccaggacaca 360
ccgtagtccc tgatggtgac gtgctggggg ctgagcgtgc aggagagttg agccacttgg 420
cctgggaaga ccagcagtgc atccagctgg gccaggactg tctgggaaac tgcgagacac 480
aaaccactc agcctgagcc ccttccctcc caccctgcc ctgtgaaggc ttggttgga 540
tccatggaga ctcccagtc caaagggtc atagcccagt gctatgggat tagcaatgaa 600
cggggtgcag gaggcctggt tctgtgtgac ttagggtgcc ctatctggac ctccatctcc 660
ctttgtgagt gaggggtttg gagttagccc ccaaactctc attagtgcc tatectcaag 720
gatctgtgtt cagttaaagg ccagagctc agaagggttg actagcagcc tctaggtccc 780
tctgtacccc acccacgttt ctctgcagaa ctgcacgaat tccgccacgc tgggtctaggg 840
tctcgattcc gct 853

```

<210> 7825

<211> 1092  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (351)...(900)  
 <223> similar to gil808620 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7825

tttcgtctgg	agccgagcgc	cgccgcccga	gcttccgtct	cgctcgctcg	cgagcgggcg	60
gcagcagagg	tcgcgcacag	atgcgggtta	gactggcggg	gggaggaggc	ggaggaggga	120
aggaagctgc	atgcatgaga	cccacagact	cttgcaagct	ggatgccctc	tgtggatgaa	180
agatgtatca	tggaatgaac	ccgagcaatg	gagatggatt	tctagagcag	cagcagcagc	240
agcagcaacc	tcagtcccc	cagagactct	tggccgtgat	cctgtggttt	cagctggcgc	300
tgtgcttcgg	ccctgcacag	ctcacgggcg	ggttcgatga	ccttcaagtg	tgtgctgacc	360
ccggcattcc	cgagaatggc	ttcaggaccc	ccagcggagg	ggttttcttt	gaaggctctg	420
tagcccgatt	tactgcca	gacggattca	agctgaaggg	cgctacaaag	agactgtgtt	480
tgaagcattt	taatggaacc	ctaggctgga	tcccaagtga	taattccatc	tgtgtgcaag	540
aagattgccg	tatccctcaa	atcgaagatg	ctgagattca	taacaagaca	tatagacatg	600
gagagaagct	aatcatcact	tgtcatgaag	gattcaagat	ccggtacccc	gacctacaca	660
atatggtttc	attatgtcgc	gatgatggaa	cgtggaataa	tctgcccata	tgtcaaggct	720
gcctgagacc	tctagcctct	tctaattggc	atgtaaacad	ctctgagctc	cagacctcct	780
tcccggtggg	gactgtgatc	tcctatcgct	gctttccggg	atttaaactt	gatgggtctg	840
cgatatcttg	gtgcttaca	aaccttatct	ggtcgtccag	cccacccggg	tgccttgctc	900
tggaggagg	aagacctgaa	catcttttcc	ctgtccttta	tttcccacac	atcagggttg	960
cagctgctgt	gctttatatt	tgcctgtgt	taaagtctc	tcccaccca	gcacctacct	1020
gttctcaac	tagcaccccc	acatctctgt	tctaaatgtt	gttctcctgc	aataaaggac	1080
gtttgaatta	aa					1092

<210> 7826  
 <211> 1534  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1396)...(963)  
 <223> similar to gi2344898 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7826

tctccaaggt	catcaatatt	tcatatcttt	gttttagtgcc	tttaaagaat	aaatatcagc	60
attacttttt	aatgggtttt	attttatgta	caaataatga	acatacgttg	taccataaaa	120
ttctactttc	caaaaacagg	agctttttta	aagaaaacca	cataacaact	tttaaaaggc	180
gctgggattc	ctctgcttct	agatcaatgc	tgggctagaa	aagtaaagtc	tgttctatca	240



```

ggaatcacao gttggaactg agtattctcc aaagtggaaa ttctagagtg tagtgtcact 300
ccaggcgaag attattcagt tctcatcccc agcatccaca actacctatc agaagggtta 360
aaccagggtca aaacagtcga gcataattag gcttcatcaa acaatgtcat tatgctcttc 420
taagatgcaa ataaaccaaa acaggaaata ctaaaataaa aatatctgac actgccatac 480
aaattgttag ttcttttttg tatccccctt tctataacat taacaaaggg aatattttac 540
tgcaaagaat attttttttt atacatcact agccatgaat ttttgccatt agttactata 600
caaatgctgc ctagtgccat tatccaaata gcacaacat tttacgtcca caattcactt 660
ctatagttag aagtagaatt ttcatgattt acttaagtac atctatcagt aaagatttaa 720
cactgagatg caatctaaca tccgtaatat ctgatattat gtagatggca atgcaggaaa 780
gatgtctttt aatcgctttt catttaagtg accttatgta aaaaataaaa taatttagca 840
gttccaagta tccaaagggc attttcaaat gtacataaaa gaaatgggta cagagatttt 900
taaggagcat cttccatgtc cacatcctct tgtaactgct gtaccatttt ctcttccaac 960
tgtttccctt tgcttgcaag aggggctcgg ataagatgga tgttttgctt gacttctttg 1020
atatacctgaa ctttctgtag ctcttttatt ttcttcaatc tgttcattat aaatttagct 1080
tgggcgttct gtttgatttc ttcaactctc ttcatcgcat caatagtttt attccatagc 1140
tctcgctggg atttgatagg ttcatctcta cgtttttcaa attcaaataa attatccact 1200
gtaagctctt taccagctgc ttcccggaat gcttttggtc accttaactt gcgaggattg 1260
cgcttctttt taaagttttt atgacattta gatttgcaaa atctgaacac cttgcaatcg 1320
ttgcgagcga acatcatgcc gtgtccagga tagatggggc ccgaacagaa ataactctt 1380
tcgatacgca tggtgaaccc gcgtgtaacc ccaccaaaca aacgccaagc ttgagaggaa 1440
gtgatgcaac cccgtcaccg gaagttacct tcttccccct tccccgaccg gaaaaaggca 1500
agcgtccttc gttctcgcg gtctgttaga ccag 1534

```

```

<210> 7827
<211> 2222
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1996)...(1529)
<223> similar to gi849238 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7827
ccatagtatc agttcaagct aagaaagcct taagaattca ataactcaaa atctctttga 60
gatttaaagt taaaaagtaa tatgtttcta ataatttcta atgtgcagga ttaatgacaa 120
ctgtattttg cattggcaaa ttatctcagc cagaagagat tcaaatgatt ttcgtcaatg 180
ccagtttata aactagcagc acatgtcaat gccaaagctt tgaatggatt ggctgagaaa 240
aattatatga gttagaaggg atctaagtgc tatactgggc actgattcta tttcacaaaa 300
gctaccattt ttaaaagctg aaaatgtaat tgggtgttgac aaaaacatgt taagttcaat 360
tactctgtat agctaaatat agaaaattgg ttaatgttta aagcaacttc ttatttggtta 420
agaagataat taaaaatagt taaaactgaa caattagcta tacttttata ttattaaaat 480
ccaatgaatt taacaaatga aaccacagc aaaagagatg atataattca aggcatagat 540
ttgacatgtc agaatacgcc aaaaacaata aagatagcat cagtaaaaca gttgtaaaat 600
aagtaaacia ttttcaagtg tgcaaaacta gtcaggaata aaagtgtctat gtgtggatac 660
ctgggttttc aaatatttgt ttcaaaaact ttcagctgga tgggtggaaa aactagaaaag 720
tattatataa gtaaaaattt taaagaatta tataaaaccc tactttatta tcttacatta 780
tgctcttggt atgtcacttg ctgaatctga ggcctattta attaccagat acaacacaaa 840
aggaggtaaa cacagtacat cacaaggct gatttatcct gaaccgtaaa aaggctcctt 900

```

```

ttcaaggtat acctgtggat ttgtgtttca tcttatatcc tcaggcacct ctaggctggt 960
gatgaatttg aaaaccggac aaccatgatt ttctataatt tctaataaac atatttagta 1020
catcttgcaag aactgccctt taggtaggct aatatttggg aagcaattgt tacaggaaat 1080
aaaaacaatt taaattcatg aaagtaaacc ccatcactgc cacaatttaa ataatcattt 1140
taatgtgtaa atcctgaata tatcatgtta gaagatgaag tcgatgtatt tagcataatc 1200
tgtcttggga tatttgacgt gtagatgact aaaaatacac ttgtggtcgt ttcttcaact 1260
tgtattttag cgacccttac cgcacctctt tgcggccttt ggtgggtttc acagatttca 1320
tgctttgcga tcttcgaggc cctttgtgtg ttaacatctc attatctgaa tatggccctt 1380
ctgcttcttc atctgttttc tcatctccgt ctttcagtgg aattccataa cctgctgatt 1440
cactgggggc tggtttactt ttcttttttg cttctggtag aggttgggtat ggtctttgtc 1500
ccacaggctc atcaccttgg atagtgttta aatcatgcat actgaagctt cttaaagctt 1560
cagttattgc tccttggtc tttactgctg cagtaacagc agcagtagct gcaaggttta 1620
aaccttgccg tccaaagttt accatggttt catagcctcg ttcttttgct tgtacaatat 1680
aatcatcaat ctccctttcc tttgaagaaa gaagtggatg aaggaatttt ctatatatta 1740
aacttgctcc tttggtatag ggagaaagca gccatatgac aaaagcaatc ttcagctcat 1800
agtacagggg aaaccaagca actgtttgat cggctactgt ttcaatcaca gtatagagag 1860
caaaaacaat ccagtcacatc atccatcgaa catattcctt cacgtttttt gttttcacag 1920
ctttgtatga ataatatgca ggataaagca ttccaaacac cagcaccacg gctctggaga 1980
tcatccagga caccatcttc acgggggctt gggccccacg tccgtgggtg tggatgtggc 2040
tctatcgtcc acacggagga aggagggtgg gaggggtggg cagaaccac cgcgccagg 2100
tgagaagccc aaaagccata ggtggccacc tacgatgaca ccagaaaaca aatgaggctg 2160
cttcttcttg gatgcccgac tccaggcttc tgtgaggagg agagactgtt cgggtgacga 2220
aa

```

```

<210> 7828
<211> 1247
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (696)...(433)
<223> similar to gil085026 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7828
tttcattcct tttggctact agtaaatecc aaattgcata tgaggttccc atggctgagg 60
aggcagaggg cgggcctgtg ccatgtccca agccacaagg gaacaggcct gtgggctttt 120
cccaacaagc aggcctcagt ccagcctctg tgtcagcctc cagggcacgc caaccttctc 180
atgggtgccc aagccccacc ccaatgcaca cataggaagt ctccaggctg cttgggcaga 240
ggcacaatca ttttagataa aaaaaaattg aacaaagaga ccctcttgcg agaggtgaga 300
tgaggccctg ccatgcaaag gactcccagc agaggaggaa gaattccatc ctggagttca 360
agtttctgtg cagagacagg acctggggac agagaacggt cctccacca atttcagctg 420
gtctgtcctc atcagctttg ggctgagcct ggggtgatga gaggtggagt ctccccgga 480
tggtgaccgg acttctggcc aaacttgcac ttgcattttg cactcatgac gatgatgatg 540
cccatggcgc acagaacccc agcgcagatg agcccgccaa cctggaggct gtgccagtca 600
tagtagaaag gactgttttt atcttctagg tcattggcgt ccaggacagg aaagcctgcc 660
aggaacacaa gcaggcccag ggtcaccttc tgcattgcag agcgtggcc tgtgtggttc 720
accaggctga gcagagggtc cgggagaaat cgggctgcca ggcgaggtcc tgcgtttatc 780
cgaagctgcc acgccctaag caaacctcac ttcttttctt tagatgatgt gttttgcctg 840

```

gtggaaggat	tgctggcagt	tgtggagaac	ttaaagtccc	cttccaggcc	acatcttgcc	900
gctggtacaa	tttcaggatc	agcagaagat	gctagcgtga	ccaaagtcag	gagatggggc	960
aggggtggat	atgagggagc	ggctggaaca	gcagggaggg	gtcaggggtg	ggactctggg	1020
accttagtcc	tggtcataac	ctgctccctg	ccctggggag	aatgagaact	gtctgccagg	1080
caccaggctg	cagtttctta	gccaggctct	ttccgtgggt	gctgggagcc	agacgcctgg	1140
gtctacagag	tgggtgctgg	tgggggcggc	tgctctctag	tccacataag	gccccctgca	1200
ctgtacaagc	ctccctaccc	ctttctctcc	ctgtctctctg	cacgaaa		1247

<210> 7829  
 <211> 693  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (300)...(447)  
 <223> similar to gi3094014 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7829						
ggctgcttct	gccccaggag	ggagaaacac	cgactccctg	gctttggcgc	cagaagcctg	60
gatcggtgc	caggtgactt	ctatttctat	ctggttctcg	tctggggggg	ccctggccgg	120
gcagcccccc	aacacttctc	ctgccctgaa	acacggctct	agccaacctg	ctccgctgct	180
tcacctgcca	ccgtctctgc	gggggctgca	cggcgccagc	ccctccagcc	caccagggca	240
ttgtcctcca	gcccgtcctg	cccagctgtg	accccggtcc	gggccctgcc	tgctctccca	300
ccaagacttt	ccgcagctat	ctgccccgct	gtcaccgcac	ttacagctgt	gtccactgcc	360
gtgcacacct	ggccaaacac	gatgagctta	tttccaagtc	cttccaaggg	agccatggcc	420
gagcctacct	gtttaactcc	gtgtgagtct	acctctttcc	ttgtgcgtgt	gcttgtgctt	480
gtgtgtgagt	gagtaattct	cctctgtgga	gaaagggggg	aatccatcag	gtgatcttgt	540
gccttcagtc	tttgctctcc	cttttgcaaa	gagggctctca	atctgaagtt	ctcacatggg	600
gagccggggg	agaattgaaa	tcataacggt	ggaaaaagaa	ggcccagggt	ctatacttac	660
aggggtggat	tatcaaaggc	aggggcctgc	cac			693

<210> 7830  
 <211> 1553  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1342)...(242)  
 <223> similar to gi4240132 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

09432715.013100

<400>	7830					
tttttttttt	ttccatggca	aaacagccct	ttatcaagag	ttgcaggata	aaaatagtct	60
ttgcagccag	acatccctcc	aggcatgtct	tctgacctga	gagggggccag	tgtcctgtac	120
agtagaagcc	ggggtttccg	tgctgcaccc	gcagcaccag	ggcacgcacc	gtggggaggc	180
agccttgggc	tgtgcccgcg	acagggcccc	tgcatgtctga	gcaacagcct	cacatgagca	240
ggcagcacgg	cctcctctcc	acgggagcct	ccaccgcggg	ggctgtgagc	ttgagcaggg	300
gtgggtcccc	gcttgccttg	aagccacagt	caggctgggg	ggtcaccgtg	tcaccaggca	360
ggccaggctc	agctgtctca	gggtctctcg	gccccctcagg	tgggggtgcg	tgcagcttgg	420
cagcagctcg	ctggcgcttc	aggtcagcca	gggtgtgggtg	ggccttgtcg	tggaccaggg	480
tgtggggggg	ggtgctgtcc	aggggggtca	gctggttagga	gacactccgg	tctagtcgct	540
tgagtatag	atgcgcact	ggggagcccc	ctactcggcc	attgtgcggc	ctgaccactt	600
cggggttgct	ctcctccggg	ggcggcgggc	tgaactctgc	gcctgtctgg	cggtcatcgt	660
tgtcctcggg	cggctccggg	ctggtggggc	gcggctgttg	ccacacgatg	gcctcctggg	720
ctgtctgctt	gcggtacagg	tcggtgcgct	gggttaggct	caccgcctc	accaccttcc	780
cgcggctgcc	ggcgttgagg	gtgcggcggc	gcagcaagga	gcgctggcgg	ctctgggcgc	840
gcaggagggc	gtcgtgcttg	tgcttcagct	ccagcagctt	ggcccgccacc	tcctcgtccc	900
cgcacacatc	aaggggcgtc	tcgtccatca	gggactttgc	gttcagggtcg	gccccgtgcg	960
ccacgagcag	ctccaccagg	ggcacctggc	cccagtaggc	cgcggcgtgc	agcggctccc	1020
agccgtcttg	gtccttagcg	ctcaggctgg	ctcgggtgtc	cagcagcagg	gcagccgcct	1080
cgtgaaccc	gttggcggct	gcgacgtgca	gcagcgtggc	cccgtggctc	aggggggcat	1140
ggaggtctgc	cccggcctgc	agccggtccc	ggatgtcgtc	cagcatgcgc	agttctggca	1200
cggcccgggc	ggcctcgatg	ctgtcctggg	tgatgccacg	gtcggccatg	gcagtctcca	1260
ggcagtcagg	cgtctgtcca	tcatacacca	ggtcataagg	catgttcccg	tcgggtgttga	1320
ccgcaggag	attggcgcca	ctggcgatga	gcagctccac	caggtgcagg	tggccgcagg	1380
tggccgcagc	atgcagaggg	gtccagcact	cactgtcaca	ggcattgatg	tgggccccag	1440
cctccaggag	ctgctgcacc	atctctcgga	aatcatcaat	gcagcactgg	tgcagggccg	1500
tcaggccgct	ctcgttggcc	aagtcagggc	tgacccccact	cccaaggaaac	tcc	1553

```
<210> 7831
<211> 1210
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (220)...(452)
<223> similar to gi2969915 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 7831							
tgacatcatt	actccatgct	tggcaccagg	aaggaagt	gaaaatgtaa	tggggacaaa		60
agccgtgcgt	gacttcggta	taccagact	tcattcagat	ttcttaaaaa	tctgctaggg		120
atgtctgttg	accagacgtt	ggaaaacctt	tgggtgtcagg	gagagtagag	gagaagtctt		180
gattttcata	accctggttt	cttatctagg	cctgtttcct	tgcgtgaaaa	catacatcac		240
caagtaat	gtagtacaaa	gaacaagaga	agaaacccta	agaagatagc	ttatttgtta		300
tcctcccttt	taatgactaa	ccttaatcca	aatgaatcca	ctgagaacca	gcctgtggat		360
gcctactggg	ctttcaccct	ggaccaggaa	tttttgacgt	atgcctgtgt	tgaaggcact		420
ggatgcttgt	tttgtggaag	acatgttcat	tgaggtaagt	ggctcatcgc	ttggtgtgtt		480
tggctctctt	tggcattatg	catagccaag	gtcccagatt	ttggccgcctc	tcagtgggtg		540

ttcttgcac	agaacttta	aaaaattaac	actaccttaa	cactgagact	gtcaggtatt	600
tgtcagtatt	tatttcta	ttcctacttt	aaatccttagg	agacaaagtg	tttctccaac	660
tggaacgtga	tttgaaacac	aactagaatg	ctacaggtct	ctcttccagt	atgcagctgc	720
tgtaacctgaa	aatttttccc	cataatttcc	catctttagg	gtatgtccct	gttatcaggt	780
gtggaattaa	tgtgggtaaa	tttccatttc	agttgaattt	cctgtcatcc	ccagcaaac	840
ctgtgaatcc	ttcttcaaag	catagaggag	gcagagacaa	gtcttaaacc	ggcttccctt	900
cgtttttacc	aggtagcctg	gttcagttcc	agctgggtcc	tgaaggagca	cagtactaga	960
gcctgagtca	tgttgactat	taataaagtg	cattaagttt	gggtcaggca	aagtgggtggc	1020
aaaagtccat	gatgcaggac	agaggaaaca	agtggaacaag	acaagtggag	cccagctctg	1080
ttcgcatggg	aggccgggcg	atgctggcat	gggtgtggtt	ggccgagttc	tcatagctag	1140
agaaaggccg	tgtagggtata	agtgcctaat	gtttcatctg	tctgaaagac	cagctatttg	1200
ataatcttcc						1210

<210> 7832  
 <211> 2701  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (142)...(527)  
 <223> similar to gi3876139 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7832						
tttcgtgtgg	caccatgagc	agctcaggtg	gggcgccccg	ggcgtccgcc	agctctgcgc	60
cgccccgcga	ggaagagggc	atgacgtggt	ggtaccgctg	gctgtgtcgc	ctgtctgggg	120
tgtctggggg	agtcttcac	tcccaaggcc	gccttcccag	cgggctccgc	ctgcctccct	180
gctgactcct	gcccgtgtct	cttgtttcaa	gcttgccgca	tctctggcct	cttcaactgc	240
atcaccatcc	accctctgaa	catcgcgcc	ggcgtgtgga	tgatcatgaa	tgccttcac	300
ttgttgctgt	gtgaggcgcc	cttctgctgc	cagttcatcg	agtttgcaaa	cacagtggcg	360
gagaaggtgg	accggctgcg	ctcctggcag	aaggctgtct	tctactgcgg	gatggcggtc	420
gttcccatcg	tcatcagcct	gaccctgacc	acgctgctgg	gcaacgccat	cgcctttgct	480
acgggggtgc	tgtacggact	ctctgctctg	ggcaaaaagg	gcgatgcgat	ctcctatgcc	540
aggatccagc	agcagaggca	gcaggcggat	gaggagaagc	tcgcggagac	cctggagggg	600
gagctgtgaa	gggctgggcg	cccctccctc	cctgtcccct	cttctggctc	tgtgtgggtc	660
caagtgaggc	ctggactgtc	cacgctgagg	cacagcctgg	agaggggcct	ttgcacgtgt	720
ccctacacct	ggagtccctc	gctcctttct	ccagactggc	ttaagccagg	agccactggc	780
tgctggtgtg	agggctctgg	ctgctggact	tgaggcagag	cctgcagcag	ctgtctggac	840
actaccacgc	cctactcctc	tgctgggtgg	gtctgcagat	ctcacaccac	agacagggct	900
gcctgtgacc	tgctgtgacc	tgggagcagc	ttcccctgga	gatgctggtc	ctggcttgag	960
gggaggggca	agtgggaccc	tgccacctgg	gcactgagca	gagggacctc	ccccagctct	1020
cttagcaggt	ggagccccag	ggcctgggac	agcctgccgc	tgccagcaac	ctccactgc	1080
tgcttagggg	gcagcgccca	ctgtcacctc	gccttctgaa	gaagcccaca	gggctcctaa	1140
ggtgcacccc	ggtacctgga	actgcagcct	tggcagtgac	tggacagctg	ggtgggggat	1200
gctccctgct	ggccctggga	accttgagca	ggccacctca	aggccctcct	gctgcccctc	1260
ctccctgggc	ctgctggggc	ccctaggttc	tgcccatcac	ccccgcctcc	tgctggcctt	1320
ggtgctaagg	aagtggggag	agcaggctct	ccctggcacc	gaggggtgcc	acctctctcc	1380
tggtgtggcc	ccgtcaacat	cagccacagc	ccagcccat	tagtgggtta	gtgggtctga	1440
cctcagcccc	actcaggtgc	tctgtctggc	ctgcccaagc	cctgcccctca	gggagcttct	1500

```

gccttttaag aactgggcag aggccacagt cacctcccca cacagagctg tccccactgc 1560
cctgggtgcc aggctgtccg gagccaggcc taccagggga ggatgcagag agctgggtgcc 1620
caggatgtgc acccccatat tccctctgcc ctgtggcctc agcccgtgg cctctctgac 1680
cgtgaggctg gctctcagcc atcgggcagg tgcttggtcg ggcttggtt agcccagggtg 1740
gggcttgga gaagcgggcg ggtgtggaag atattccatc tggggccaac cccagggtgg 1800
gcctgcgctg agcttctgga gcgcaggtac tgggtcttgc taagtgaact gtttcccagg 1860
aacacctctc gggcccatct gcgtctgagg ccgggagtg catctgaggc tgggagtggc 1920
atctgaggcc aggagtggag gctggtgggc tgggcgtggg gttttctggg ccctgcagta 1980
actgccctgg ggacttggtg ggctcctggg tcagcagcat cccaccctg ggagtctggc 2040
cagctgagcc cagggtggca ggggcattat agcctgggtg acatgtgcct tcagggttcc 2100
tccggggcca ccttctcag gccagtgtct ggttcaaagg gctgtgtgtg tgtgtgtgtg 2160
tgtgtgtgta tgtatatgtg tgtgggtgca cacatctgtc ccatgtatgc agtgagacct 2220
gtgtacctcc cacaaggagc aagggtttg cccgccctct gtcattcct acccatgtag 2280
tgggaccccg ggcccccttc tgcttggtt gcctgcttgt gccctttcca gaggggtctc 2340
actgacagcc agagacagca ggagaagggt tggctgtgga tcaaggaagg ctgcccctgt 2400
accctgatgg gaaatgggtg gtgcatggct ggatgcagag gtggaaggcc ctgggccaca 2460
ggcgagagtg ggctgtcac ctgtcccagg tcccagcaa gtctgcagct gtgcagtcct 2520
ggggtcctcg accctgtcgc ccagggggcg tgctgtccag caggggccct gccttgcaag 2580
gaacgtctct tccggcggtc gggccgtcc tgcttggtc gggctgtgtg tggcgccctt 2640
tcctccttgt ttgttctct gtgttctgtg tgcgtcttaa gcaataaagc gtggccgtgg 2700
c

```

```

<210> 7833
<211> 1881
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(675)
<223> similar to gi2959874 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7833
tccataaact atatataatg agaatcctta gctcattcgg ttgtggtgag gggccccaga 60
ccctgctccg ggctcgcgtc tgggtgttct ccctcgccgt cttcggggccc atcgtcaacg 120
agggctacgt gaacaccgac agcggccccg agctgcgctg cgtgttcaac gggaacgcgg 180
gcgcctgcg cttcggcgct gcgctgggccc tcggagcctt cctcgcctgc gccgccttcc 240
tgctgctcga tgtgcgcttc cagcaaatca gcagcgtccg cgaccgcccg cgcgcggtgt 300
tgctggacct gggcttctca ggactctggt ccttctgtg gttcgtgggc ttctgcttcc 360
tcaccaatca gtggcagcgc acggcgccag ggccggccac gacgcaggcg ggggacgcgg 420
cgcgggccgc catcgcttcc agcttcttct ccatcctcag ctgggtggcg ctaccgtga 480
aggccctgca gcggttccgc ctgggcaccg acatgtcact cttcgccacc gaacagctga 540
gcaccggggc gagccaggcc taccgggct atccggtggg cagcggcgct gagggcaccg 600
agacctacca gagcccgccc ttcaccgaga ccctggacac cagcccaaaa gggtagcagg 660
tgcccgcta ctagcggtg gcaggcacag accagggtc caaggccacc ccaccaacgc 720
aggccccagg gtctccggga cctcccttgg gtccttccag ctcatgtccg cggacagagt 780
aggtggccgc tttgcgccat ccggggccaa gaggggggtg acccgcgctg ctgggctgcc 840
cctgccaagt tccccagtc cctcagcacc tggccccagg actgaggtcc tgagaagggg 900
atagcactgc ccaggacgtg tgtccctagc ctggaatgga ctggcctggg gaaggcttcc 960

```

ccctcttggg	ccacacctgc	tactcttggg	gttgggggtc	cagctgccct	ctacgatcag	1020
gtgcaggggc	tgcccaggac	aaagcggggg	caggggaaag	acaccaccct	cgccccaaga	1080
ctggggatcc	tggccactgt	tcccatccca	tgtccctgtg	ggtagtgtgact	gtctcgtttc	1140
tgtcatgggg	gggcgtccc	tccggagcca	ctctccactt	tctctcacag	gctgctagaa	1200
cagcccagcc	ctgtcagtgt	tgtgatcatg	gtccagtctt	cgggtttcac	ctcctagtac	1260
tccacaagct	gctcctctct	ctgtggcccc	ggcccctgcc	caggtgtggg	tggttctggc	1320
caggaaggca	caaggtagct	gtgggccaa	acaccagccc	tgtcctagcc	cttcagtaag	1380
accttgccag	gagaggagaa	ggatgcctgg	gtgccaggca	agacaagccc	ctcagcagga	1440
gagaggccca	gaggctccag	ctggccaccg	tgccccacaa	gatggcccct	gtgtggttcc	1500
ctttaccttg	gcttcctggc	ccagtccctg	cctctccacc	tgcaccctgc	ttcctggccc	1560
agtcccaggt	tggagtccct	ctgcatagct	gactactcat	gcattgctca	aagctggctt	1620
ttcacattaa	gtcaacacca	aacgtggttg	ccacatttca	tcagacagac	acctccctct	1680
ggagatgcag	ttgagtgcac	accttggttac	attgtagcct	agaccgaatt	ctgtgtggat	1740
atttaagtga	acatgtttac	aatttttgta	tatatcactc	tctccctctc	ctgaaagacc	1800
agagattgtg	tattttcagt	gtcccatggt	ccgactgcac	cttctttaca	ataaagactg	1860
taactgagct	gaaaaaaaaa	a				1881

<210> 7834  
 <211> 1802  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1803)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1510)...(1445)  
 <223> similar to gi4092850 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7834	
tttttttttt	ttgtacatt
gtccccaaaa	tgtagtggt
cacttcttct	caaacataaa
gggatggctt	tcaacacaca
aggtcagact	gggagcacta
cacagtccag	gctcaacacc
aggtgtttcc	atatacatta
caagccccga	ctcaaattct
ctctgcacta	ctttgctgct
tgaccacttg	gcaacgcacc
ttctgcagct	ctcttggtg
tcttgatttt	ctttatttct
gactctatca	ctttcaaagc
ggcataagca	aagagcctga
gagccccgga	ggtgctgcag
tgcttcagct	tctgctccaa
ttgtttgtaag	gaaaaccaat
gaaggaaatg	aggtcagaag
cacagaaaat	tgtaacaaca
gcaagaagag	tgagtactga
tttgaatcta	tccacgcagc
ccaaggtggc	ttatccatat
agctgtgttt	cacgaggcat
ttcccgttgc	tgtcaaagaa
ggctcctctg	ccttcaactc
tctcagaatc	actggagtac
gcagcaacag	gcacaaagct
tattttgtcct	gtgagtgtct
tagatgaggc	ttcatgccct
gcagctttga	ggtattttcca
tcttaaggac	tttttgatcc
aacttgcttt	ttaaaactct

tcagtgtctga	catcaaagcc	ttcagccaac	ctgggaactg	accaggactc	tggaaattcc	1020
tcatgtaaat	accgtatctg	ctccatggct	tcccacgtca	gggtcctggg	cggggcacca	1080
ggcgccctcca	tttgctccg	aattttcttg	aatcggattg	cttgtttctg	tcgtttcagg	1140
gtgctggggg	aagagaacca	atggcagaag	ccatgcgtgg	aagcagaatg	gatgtttgaa	1200
gagcctcagg	ctaaatcatg	gagcgccag	ccctcttctc	tttgatcgca	agggcaaccg	1260
ggccatgttg	ccggcttaga	gctgctccgt	acaccagaa	agctaaccac	tagaacaata	1320
actgcctgta	agcatgccga	actctctaaa	ctgatgatga	aatacgtcac	taatgaaggg	1380
accagtggtc	ccaggggagc	tgaacacctg	acgctgcgcc	cctaacaacg	ggtaagaaga	1440
aacaagggcc	gctgcgcaag	cagcggcagg	acacccggcg	ccaagggggc	gcggcctgga	1500
gcgccggggc	acgagggccct	gcttcaagct	gagggcccg	ggagaagccg	gtacctctcc	1560
acctcctgca	gctcccgttc	ctccggctcc	cagtcggaat	cggggtccgg	ctcccggcca	1620
atagggcctg	ggcccgccac	cccccggtc	gcgaaccac	agcgagtgc	ggcggcgcaa	1680
acgcgcccgc	ccagcaagag	actcagggta	accgccatgt	cgacgcaaac	cagccttcag	1740
cagtcggcta	ccctcgtgcc	aagcttggcg	tanagggtgt	caatacagtc	tcatttgcgg	1800
tc						1802

<210> 7835  
 <211> 1730  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1681)...(587)  
 <223> similar to gi5656743 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7835						
tttttttttt	ttcagaggct	gtttctttat	acaaaggcag	acaacatgga	cacctcagca	60
tgtgtgtgca	gttcatgggg	gcccattccca	ccgcttcttg	ggagaggaat	cggggtgggg	120
gcgcccgag	caggggagag	acactacaca	ggcctgggac	cgccaagcac	accagctgcg	180
agctcctgaa	gggcagacac	atggacacac	ggacactgaa	accacgagca	cggcacagcc	240
acagggagga	atggtggagc	tggggacaga	catcggcagc	tactgccaac	tgtgtccctc	300
ttctgccacg	agttccttgg	cgaggagcct	tgtccgtgtt	actaaagagc	cacgtgactt	360
tatctgatgg	cagaacgtct	cgctttctgc	atctgtaagc	tgggccagta	caccgtactc	420
cacagggctg	ccgtgagtac	agatgagact	gaaacagggg	cattgatcaa	agtacccaac	480
acagagcctg	gcacatagag	gtgttcaata	agtaactttt	gtcaggagac	tcttagggag	540
gaccttcaga	aggccaagtg	agatgacttc	cctagaaatt	ctctcagggc	atggggaccc	600
tggaggactc	cttgagacct	gcagcccctg	gtgtgcccaa	ggccccagaa	tacaccgtgc	660
cagggctgtt	cacaggcgtg	gggggctgga	tgccagggga	ggtgcccgca	gaagctgggt	720
agacactgga	ggaggtgggg	tttggaacca	agtggttctg	cacatagcac	aggccggagg	780
caggctggta	cggaggcaag	gtgggcatgt	gcccgggggt	gcaggagggc	caggaggcca	840
gcttctgacc	actggcgtgc	tgcgtctggg	acacaggggt	gcttggggac	aggtgagggg	900
ggcagctctg	tgtggggtag	gagccaggca	ccgggttcag	ttccggctc	tgggctgccc	960
tcctctcggc	tgaagaccct	gagacgtact	tgaacacgga	tatcctcctc	atcaggctga	1020
aggggaaggt	ctgatcgagc	ttcagcgcca	ctcgctctga	gaggtcgatg	gaatagcagt	1080
aggtgaggcc	ataggccagc	ccgatggaca	gcccgcagac	attactgagg	aaagaggtct	1140
ggggaatgag	ccacgaggca	cccagcagga	gccacggaac	caggactgag	ggcacaacca	1200
tgccaaacac	cagggcccgc	ctcatccgag	aacggacggg	ggtgactccc	agcatggcaa	1260
aggccactgg	ggtgaaacct	ctggcatcct	ccacttcccc	cagctttgac	agtgatgaca	1320



cagcctcgaa	tgacaggaag	atgatagcgg	agaagatggc	gaagatcacg	gtgaagaagc	1380
agtggcggac	ggtgcccacg	gttctctcga	aattgccagc	aaagcgccag	atgatgatag	1440
cgccgcagag	cagggagatg	ggattctcgt	agacaaagat	gtaggttacc	agcctgtaaa	1500
cttgccagtt	gcgaagggcc	tcggacttca	gcgtgaggcc	cgagggcgcc	aggggctgct	1560
gcagcaggaa	cagggcaggc	ccggaaacca	gcagcgagag	cagcgcagtg	aagaagggtg	1620
cggatggcac	ctcgggacac	aagcaccagc	tcgcacaccc	gggccccgag	gccgccatgg	1680
ccgccgtcgt	tcccgcgccc	cgcctcgacg	ccggctgccc	gtcctctgct		1730

<210> 7836  
 <211> 5294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1128)...(3149)  
 <223> similar to gil504016 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7836						
attttttact	tgtgatgtca	tgttggtgct	caaaaagttt	tagattttgg	aggatttcag	60
atttcagatt	ttcagattag	tgctgctcag	cttgatttct	gtcagtgttg	cgtgtcaagg	120
ttttttttta	acaaaatcaa	tttatgtatc	atttcatggt	tctctgactc	attgttaggg	180
acaaatatgc	cttcccattt	gagccgcaca	ggattaaagc	agctccgagc	tgcttcccag	240
ctctgacatt	ttgccattct	aaaaaatgag	tttactcacc	acttcccat	cttactcttt	300
gagtattatg	tattttcaat	tgaaaactgt	agttttgtga	tgatgaattg	gaaagctcaa	360
tagaacatga	tctgtattcc	ttgaagaaat	gcaggatcca	ctggaaatga	ggtggagaga	420
gaccttttcc	acccatcaga	gtgaagcggg	gtactctaca	aggtgcattc	ctgacgagga	480
aggccctgtg	tgctgtgctg	ccaattctgg	cttttcctca	gttcagggtg	atgcccatgc	540
tactacgttt	gtccatcagc	atttttgttt	tggtttgttt	tcagatgtaa	atgagaggaa	600
gcaaagattt	ttatggagac	tatcaataat	ctcaagaaaa	tacatattca	aatggaatt	660
aaagccgtgc	agtaagataa	gtttatatat	gcaattcctt	aaggtaaaag	taaattataa	720
aagattgaat	caggcagttc	tgctctttgt	ccaaaaggta	agattgcatg	tgaaacatca	780
acaggaagtt	gccttttcc	cctctggact	ctgggtatac	tttgtttgcc	atctgcgaga	840
tcagtccatg	gctgagagat	ggcataagtg	agcctgagtg	cagcagtgag	cagcatcctg	900
aggttagcat	tacacttctc	ccagtggagc	ccatgacttc	tgatcaggac	gctaagggtg	960
tggtgaacc	gcagacgcag	agagtccagg	agggcaagga	cagcgctcat	ctgatgaatg	1020
gtcctatata	tcaaaccact	tctcagacaa	gttccatccc	acctttgagt	caggtaccag	1080
caactaaggt	ttcagagctg	aaccctaatt	cagaagtgtg	gggggctcct	gtgttacatc	1140
tggaagcaag	cagtgtctgt	gacggtgtga	gtgctgcatg	ggaggagggtg	gctggccacc	1200
acgcagaccg	tggcccgcag	ggatcggatg	ccaatggtga	tggtgaccag	ggccatgaga	1260
atgccgcatt	gccagaccgg	caggagtcgg	accagcaga	catgaacgct	ctcgctctgg	1320
gtccctcaga	atatgactct	ctgcctgaaa	atagcgagac	aggaggaaat	gagtctcaac	1380
cagacagcca	ggaagacccc	cgagaagtac	ttaaaaaac	attggaattc	tgcttatcta	1440
gggagaacct	tgctagtgtg	atgtatctta	tatcacagat	ggatagtgtg	cagtatgtgc	1500
caatcacaa	ggtggctaac	ctcgaccaca	tcaagaagct	cagcactgat	gtggacttga	1560
ttgtggaagt	gctaagatct	ttacctttag	tccaagtgtg	tgaaaaggga	gaaaaagtaa	1620
ggccaaatca	aatcgctgtc	atagtaatat	tgctgaaat	atctgaatct	accccggtgg	1680
aagaagtaga	agcactatct	aaaggagata	atttaccaaa	atttataaac	tgtgaatttg	1740
catataatga	taattggttt	attacatttg	aaacagaagc	tgatgcacaa	caggcttaca	1800

aataccttgc	agaagaagtc	aaaacttttc	aaggaaaacc	aattaaggca	cggataaaaag	1860
caaaggcaat	agctataaac	acattttttgc	caaagaatgg	athtagaccc	ctggacgtga	1920
gcctgtatgc	ccagcagcgc	tacgcgacgt	cgttctactt	ccctcccatg	tacagccccc	1980
agcagcagtt	ccccctgtac	agcctgatca	ctccccagac	gtggtcagca	acgcacagct	2040
atcttgaccc	acccttggtg	actccatttc	caaatactgg	atztataaat	gggttttacgt	2100
ctccagcgtt	caagcctgcg	gcgtctcctc	tgacttctct	cagacagtat	cctcctcgaa	2160
gcaggaatcc	tagtaaactc	catctgcggc	atgcgattcc	tagtgcagag	aggggacctg	2220
ggttattaga	aagtccttca	atattttaact	tactgcagag	tcgattaatt	aatgggtgtcc	2280
ggagtccaca	aacaaggcaa	gcaggtcaaa	ctagaacacg	ggttcaaaac	ccttcagcat	2340
atgccaaag	agaggctggg	cctgggcgtg	tggagccagg	cagtctcgaa	tcctctcctg	2400
gttttagggg	gggaagggaag	aattcctttg	gctaccggaa	gaaaaggag	gagaagttta	2460
caagcagcca	gacacagtct	ccaacgccac	caaagcctcc	gtcgccaagc	ttcgagctgg	2520
ggctgtccag	cttccctcca	ttacctggag	ctgccggcaa	tttgaagaca	gaggacttgt	2580
ttgaaaacag	gctatctagc	ttgataatag	gaccatccaa	agaaaggacc	ctcagtgcag	2640
acgcaagcgt	gaacaccctt	cctgtagtgg	tctccagaga	gccctcgggt	ccggcttctt	2700
gtgctgtatc	agcaacgtac	gagcgatccc	cctccccagc	tcattttacc	gatgatccca	2760
aggtggcgga	gaaacagagg	gaaacccaca	gtgtggacag	acttccttcc	gccctcactg	2820
cgaccgcgtg	taaatcgggtg	caggtgaacg	gagccgccac	ggaattgcga	aagcccagct	2880
acgcagagat	ttgtcagaga	acgagtaaag	agcctccttc	ttccccattg	caacccaaa	2940
aagaacaaaa	gccaaacact	gttggttgtg	ggaaggagga	aaagaagctg	gcagagcccg	3000
cagagagata	ccggggagccc	ccagccctca	agtccacacc	tggagccccc	agagaccaga	3060
ggcgggccggc	ggggggccgg	ccctcgccct	cggccatggg	gaagcgtctc	agccgagagc	3120
agagcactcc	ccccaaagtct	cctcagtga	aaccgtacgt	ctgggagggg	tcgcagagcg	3180
ctgtgttaac	cacaaacgag	acactctccc	actcagtgcg	agggcgagcc	gctggttagg	3240
agcttgacgt	gtctgagggc	tgtgggatcc	tcaagttggg	tttcttctgt	gagttggatt	3300
ctccccctct	tgaaaaaaaa	tcgatttttc	aggatttaat	taatacaaac	cttatttttag	3360
gttggtgctt	aactggaggt	gatgcataag	ctgatttttt	ttttccaaga	tagaaaaagc	3420
atztatccta	acaaattggg	attttttatt	aagcctccat	gtggctctga	atgcaagcta	3480
tatatagtga	gtttttctaa	attaagggaa	ctctgctttt	tttttttttt	tttttaagta	3540
actggtctgt	aagtgcata	ctctagaacg	tccccgcaga	tgaatgaggg	ccagtggcct	3600
tggcagaggg	aggtgtggcc	tcatagaggc	agtgtctggc	gcgccagggc	atcagtgtctg	3660
atgtgggagc	tgtgcttcca	cctaagccgt	tggtagggga	ctgtggcatt	taagaatgta	3720
gagagcgcat	cctttttgat	ctcctgggcg	gagtgaacct	gcagggggcca	ccccagaaac	3780
cttggttctg	atgcactgca	agcaagtaac	cagcttctca	ctccagtttc	aagtggctat	3840
tatgtaatat	aaattcaaag	cacattgtga	atagaaccta	catgaaaaca	tacactttgt	3900
tgccacttga	catgttacca	gaagttgtac	catgatgttg	ttttgacccc	tgtgagctga	3960
tggccccggc	cctgctctgt	gcacatttct	gtccgtgttc	cccagcactc	tggttggaga	4020
gagtccacat	cttcagctcc	gtgtggacat	ctccctgtac	ctctgcatca	gcacatggat	4080
ttaagagtta	tgtaatcgtg	agagaatggg	gtttgtgggt	tttccccctc	tttggttgtg	4140
ggaggataaa	gttctctgtc	ttttacctcc	aagacgaggg	cctcattgat	tcacttccag	4200
aagtgtctga	cttctgaaga	acaaggatgc	actaaagtta	gcaagtttat	aataaagtta	4260
aatataaatt	attttgtttt	aaaatgcctc	aaatttttct	ttattctaag	cagcaaacat	4320
taaaataaga	atatttctctg	ctaaatgtaa	ccatacactt	tattccacaa	aatgttattt	4380
aacaagactg	agggtttttt	ttaagaaaaa	attattttcca	tccaatattt	aaagacttga	4440
atttttattta	aacttgaaaa	tgactttgcc	ttaacttttg	tataagacag	cttaaagtcc	4500
atggagcccg	gccctggggt	ggcgtgagtg	ggtcagagtt	actcagttac	tgcgtggatc	4560
tcctgtcgct	agttttactg	agtaagcata	ctgtagtaca	agagctagta	gtagtttttg	4620
taatatacct	taaagatctt	caacagttga	tcttttttca	gaatgttgga	aaatcctgta	4680
aatgcaaata	gtcaatactg	tattaaatac	gtgcacttgg	agtgtggctt	cgcttggtac	4740
agttggtaaa	taatcaggaa	catatggaaa	aagggtaccc	ctacagagga	aaattctgat	4800
acagattatt	gatataattat	aaatgttgct	gttgagcggg	atgtagataa	actaaatggt	4860
gtggtttgaa	tattattttg	atttgttgag	attttctttt	ttctcttaca	tcggtgtgtt	4920
gaactgattc	tgcctctttg	ctgcaaaaagg	gaattggaaa	gtcttattaa	aagcctccag	4980
atgttttcat	actcttttaa	aatgtatgta	aatgcatact	aatcatatct	aatgtgaaag	5040
agtttttaaag	tatatagaga	gcaaaaactg	gcaggatcgt	aagtgaagggt	gactagtaat	5100
ctaatttaaa	tcacctgcag	ctaagcatga	ttgacctgtc	cagaggaaaa	catgcctatt	5160
tgaccatttc	ctttaaagca	gttgccatta	ttcaaataca	gagaaatagc	cacagggcta	5220

```
gtgttttttca aatgcatttt aaagaacatg gggatttttt tttgtagttg tcagttcact 5280
gaccaaaaaa aaaa 5294
```

```
<210> 7837
<211> 1861
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1614)...(1010)
<223> similar to gill103582 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 7837
tttttttttt ttccgtatcc aacagccagg agcctccacc ctccaggagg gaagggatgg 60
acagagccac actcgccgtc tttattttgc actcaccctg ggtgacactg ggcaggccgc 120
tcctgcccac agccagactg aggaagaaca cagcactcgg caggcccagt ggggtccgtg 180
caggaggagc cccaggacca gccttactcc cgagcagggg acacagggcc ccacagagaa 240
ccctccggg aggttctctc ctggctgggg gagggctctg gacccccaca aacactcccc 300
aacttgcggg gctggggcat aaaaacagcc actcccagca ggccccctca gctttttgca 360
tcagtcagct ccctcccggg ggattagggg gaggtgaagc caggcccagg cgtgggggat 420
aggtcttccc cgcaggcct cagccctgtc cggaggctgc atcacaatcc agggcccccg 480
ctggcctttg ggaacatggc ctgggtcttc ctcaaggcaa gatcagcccc agaccacttc 540
cggggtcacg gtcacggggg caggggtca cagggcagaa gccagatggc agccatggct 600
gacgggcctc ctctcgatg gggcggagac agccacgggg tctcccgagg gtcccacagg 660
gctgtcctca tgcagcccaa gccagcctga gcaactggag cccaattccc aaccaggctc 720
ccctcagacc ccccagaaaag ggcctcgaaa ggccgcgct gcgcctctgt gaaaggctgc 780
cgctgcaggg cctggggccag ccgggctgcc agactccct ccaaagcctc cggatgccta 840
cgctttttcca gacatagagg aaagtttgtc ttcgagaaaa caaagtaaat agaagaaccc 900
caaagcaaag caaacccacc cccagatca gcagcatggg agccaacagg aggccactcc 960
tccagcacca ggggaccagc cgtcccagc gcagcgcggc tgcgcctacg tgatgtccct 1020
ctgcccgggc ggccggtgca cattccgcac gacacacttc accatccact cgatgccctc 1080
gcgcacccct ttgcctgtga gggccgagca ggccctgggtc aggcaatctc gcctgccgat 1140
cttgctggtg cagtccgtga aggcgtctt gatgtcaggg attgagaggc acgtctccac 1200
atcctgcttg ttggccagca ccaagacggg gacaccgcac agcgccctgc tggtcaccac 1260
cttctcaaac gcctgcttgg actcagccag cctctcctcg tcggtggagt caatgacgta 1320
gatgacgcgg tgacactccg cataatactt gtcccacaaa gactgcagct cttcctgcc 1380
tcctaagtc cagaacatga gccgagcctt tcccacatcc acagtgcga tgtttaggcc 1440
cacggtggtg gtgattttgg atagactcat ccccttgtag ttcttgtaa atcggtttt 1500
cgactgctcc aggaaggctc tcttcccagc attgtccagg cccaggatca ggatgcagta 1560
ctcgtccttc tgaaacatgt acttgtacaa gcccgacagc agcgtgtaca tctgtccctg 1620
ggcaccocaa cataggtcag tgtgcagcca gaaagcacct cccctcccc gggcttctcc 1680
acggtggtca gtggcgcccc acgtccagcc gaccgctcag gacgagagcc tgggggccat 1740
tcccgaactc tcgtccctct cccacccgct cctctgttaa cttctccag gtcagccgcc 1800
actgtgtcct gctcacagca atgactgcga cctctccgca cgaaatcgct gaccgggaa 1860
t 1861
```

6453

<210> 7838  
 <211> 1740  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1657)...(1348)  
 <223> similar to gil770517 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7838

tttttttttt	ttcagaatac	caaactatat	ttactgttta	cagtagtaaa	ggacaacaaa	60
taatgtacaa	attggtgaat	aaacacaaca	gagccaacaa	acatcccacc	cgagcccata	120
cagcaaacag	gaaatgagaa	catttcagca	agatttcaag	caagcaagag	atgatgggtc	180
attgttcagg	tgactgtaaa	aaggcagaga	atggccacca	agcagcaatg	gagcctcagg	240
gaaggacaat	aggcagaact	atgaaaatgt	ttaattggta	tagatcccaa	aatatttcac	300
agaactgaaa	tcaccagact	aatgcataaa	ttcaatacct	atttggaag	cagcacggca	360
caaaccacg	agaagaacat	gaagtcatca	ttccatgggt	tcatttgtaa	ccacacttgg	420
aagtagctct	tatacacgac	aacataactg	caaattcagc	aatacttagt	cttacttttt	480
tatgtataga	ccataatcat	tcatacagaag	caaatactag	aagaaatctg	aggccacaac	540
accattacca	aatgagaaat	gtgggaattt	cttcaatatt	aagagggaga	aaaaggccaa	600
ttttggttgt	gccaatcctt	gcctgtgtac	caacgccagg	tactgagcag	ggagtggggt	660
gggaggggtg	gcaggggggt	gggtcctggg	cctcagaccc	cgagggtaca	tgcttgaggg	720
ccagagagca	cgtgggggtca	aattaccaaaa	agactcgggt	atTTTTTaa	ctttgaagaa	780
gcattccagt	attttccctt	caacttttcc	atatactgac	aaagcttaaa	tttgcaatat	840
ttagcatttt	aatcacctgt	gcctgttaaca	gcaagtgaca	gtctgtcctc	cctaccaacc	900
ttgcccccaa	tacctgtcca	acagctgcat	ccccactgcg	ggaaacacca	attctctatg	960
tgactggagt	gagcagggga	gaggcaacca	actcaggagt	cagatccctg	gccagactaa	1020
aagcgaacat	tcaggctata	attttgggggt	taaaaaaatg	ttgtaggagg	gggggaaaac	1080
acaaatgagc	acacaaaagt	accacaata	tcttgcaact	cattttacct	gaacaaagat	1140
aacaattctg	atttgcccaa	tttaagttac	agattcatcc	ctgcagatat	agttttgagt	1200
tgcaacttgaa	gtacatcaaa	gagaggaaaa	tcacgtgggt	gaatgtcctc	gagtttccgc	1260
agacaccttt	gtggtcggca	tggtcacgtg	ctcaccattc	aacagcaatg	cgaggatgga	1320
cggcccgggc	tggggacggg	ccctctagaa	actgtgccct	gccaggetgc	tctccggcac	1380
acctcccgtc	tgctgctgga	acacgtcgat	ggtgtcctcg	tcctccatct	ccagctgtgc	1440
tggagtgtca	gtttcattga	ttggctgccc	gtcgaacctg	aatctgatct	gcctcattga	1500
caagccctgc	ctctcgcagt	aggccttcat	cagcttgctc	agcggcgtgt	gcctcttgat	1560
cttgaactgc	accacggagc	cgctcctgcc	ggccaccttc	aggttgatgt	ggtcattctc	1620
tgtcttcaca	ccctccttgg	gcttctcctc	ggacatggct	gcgcgagcgg	cgcggggagg	1680
cggcgcgggg	gaagcagcgc	ggagcgggcg	agtcacgctc	tcggccccgc	cgccctcccg	1740

<210> 7839  
 <211> 1953  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (314)...(560)  
 <223> similar to gi5050965 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7839

ggcacgagaa	accacggaat	ttactgccgg	aagttcggcg	gccttcgcca	aagagtgtgg	60
gctcggctag	caagctagag	gggctcgttt	ccgccccgct	accggggcggg	ggcggccatc	120
ttagatgcgt	gcaattaaag	gctttggcgg	gattggctcc	gcgtttgggc	tggtccgctg	180
ctccccacct	accagggtcg	gatccggagc	ccttccccgc	ggggcgggga	cctccaaaca	240
accgactcct	ttccaggtga	agggtgactt	ggctgaagaa	acacttaaata	tctggaaata	300
gcgactcagt	atcatggcca	gcagccttaa	tgaagatcca	gaaggaagca	gaatcactta	360
tgtgaaagga	gacctttttg	catgcccga	aacagactct	ttagccact	gtatcagtga	420
ggattgtcgc	atgggcgctg	ggatagctgt	cctctttaag	aagaaatttg	gaggggtgca	480
agaactttta	aatcaacaaa	agaaatctgg	agaagtggct	gttctgaaga	gagatgggcg	540
atatatatat	tacttgatta	caaagaaaag	ggcttcgcac	aagccaactt	atgaaaactt	600
acagaagagt	ttagaggcaa	tgaagtctca	ttgtctgaag	aatggagtca	ctgacctctc	660
catgcccagg	attggatgtg	gtcttgatcg	tctgcaatgg	gaaaatgtat	ctgcgatgat	720
cgaggaggta	tttgaggcaa	cagacatcaa	aattactgtg	tacacactct	gaaccagtga	780
acatttttga	tgtttccgtg	ttctcctgtg	tcatctctac	tgggccatag	gaccgggcaa	840
acctacctta	aaataggcag	aggaaagtgt	catgagaagt	agtgtgttta	acaagacaga	900
ctttggttgc	tgtattcaag	tatttgatt	atgactgtgg	aggagggctt	gcttaagata	960
tgtggtttgt	tttttttgtg	gaaaagtaag	gagttagggtg	gcttgataat	aggcagggaa	1020
accagattgt	cgggactatg	acctttttct	ccagtatgct	acctgatttg	tttggctggc	1080
cactaggttg	cagcattggt	tctacttctc	tgctttttaa	gagaaatttc	aggaaggatg	1140
atcattccag	ttagtttggt	attttttgtc	gtttgtgcac	ataacttggt	gttatcctta	1200
tgtcatcaga	ttctctctag	gggagagtgt	ttgttttaat	tacaaaatta	aattctacat	1260
tgttaccaag	aaatttggtg	tgataaaaaa	ggaaaaataa	aaatttgggg	agttagttag	1320
ggtctgtgct	tatgtctatt	tggtctggac	atgggtaatg	gaggggtcac	ctgcaactta	1380
atttcaaaaca	gtcagacaaa	gggtcccaag	cgggaggaga	agcaaagtga	gaaataagag	1440
ataaaaaatag	acaagtcaaa	aggcagggtt	ttagaatctc	ctcatggtga	actttttctc	1500
tcttttgtcc	actgcatggt	ttctgtgatt	gaacctgcct	gaatttaatc	atgaaaacaa	1560
gtgaaataat	gtatgttaaa	tgcttgagag	agttacttagc	acagactagt	gacccaataa	1620
gatcagtgat	tgtcaaaaat	ccttatgagt	cttctttaaa	aaaataaagg	ccacttctct	1680
tcaaaaaaatt	ctcatacctg	tcatctcagc	actttgagag	gctgagactg	gaggatgact	1740
tgagcccagg	agtttgagac	aaacctggtt	aacatagcga	gacctgtct	ctacaaaaaa	1800
aaaggaattt	aaaatttacc	tgggcttggg	ggcgcgggcc	tgtggtccca	gctattctaa	1860
aggctgaggc	ggccgtatgc	tttgagcctg	ggaggcggaa	gttgcatagg	cccgggggaa	1920
aactttggtt	aattgaaact	cctgactact	ggg			1953

<210> 7840  
 <211> 1167  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (98)...(836)  
 <223> similar to gi50229 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7840
tcagacaccg tgtcctcttg cctgggagag gggaagcaga tctgaggaca tctctgtgcc      60
aggccagaaa ccgcccacct gcagttcctt ctccgggatg gacgtggggc ccagctccct      120
gccccacctt gggtgaagc tgctgtgtgt cctgtgtgtg ctgcccctca ggggccaagc      180
caacacaggc tgctacggga tcccagggat gcccggcctg cccggggcac cagggaagga      240
tgggtacgac ggactgccgg ggcccaaggg ggagccagga atcccagcca ttcccgggat      300
ccgaggaccc aaagggcaga agggagaacc cggcttacct ggccatcctg ggaaaaatgg      360
cccatgggga cccctgggga tgccagggtt gcccgcccc atgggcatcc ctggagagcc      420
aggtgaggag ggcagataca agcagaaatt ccagtcagtg ttcacggtca ctcggcagac      480
ccaccagccc cctgcaccca acagcctgat cagattcaac gcggtcctca ccaaccgcga      540
gggagattat gacacgagca ctggcaagtt cacctgcaa gtccccggcc tctactactt      600
tgtctaccac gcgtcgcata cagccaacct gtgcgtgtgt ctgtaccgca gcggcgtaa      660
agtggtcacc ttctgtggcc acacgtccaa aaccaatcag gtcaactcgg gcggtgtgct      720
gctgaggttg caggtgggag aggaggtgtg gctggctgtc aatgactact acgacatggt      780
gggcatccag ggctctgaca gcgtcttctc cggcttctct ctcttccccg actagggcgg      840
gcagatgcgc tcgagcccca cgggccttcc acctccctca gcttctctga tggacccacc      900
ttaactggca gtctgcatcc ttgcctagac cattctcccc accagatgga cttctcctcc      960
agggagccca ccctgaccca cccccactgc accccctccc catgggttct ctccctctctc     1020
tgaacttctt taggagtcac tgcttgtgtg gttcctggga cacttaacca atgccttctg     1080
gtactgcatc tctttttttt ttttttcaag tattggaagg ggtggggaga tatataaata     1140
aatcatgaaa tcaatacaaa aaaaaaa                                1167

```

```

<210> 7841
<211> 1601
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1602)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (60)...(1199)
<223> similar to gi306759 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7841
agaaagtgaa aggtgaggca cggccctgca gattttccag cggatcccc ggtggcctca      60
tgtcgcgtag tgaaccgat cctcagcaac gccagcaggc gtcagaggcg gacgccgcag      120
cagcaacctt ccgggcaaac gaccatcagc atatccgcta caaccgcgtg caggatgagt      180
gggtgctggt gtcagctcac cgcatagaag ggcctgggca gggtaagtg gagccccagc      240
ttctgaagac agtgccccgc catgaccctc tcaaccctct gtgtcctggg gccatccgag      300
ccaacggaga ggtgaatccc cagtacgata gcaccttctt gtttgacaac gacttcccag      360
ctctgcagcc tgatgcccc agtccaggac ccagtgatca tccccctttc caagcaaagt      420

```



```

atagagactg atgtggacaa cccaaacaat atcacttggt tgctgacaaa ggaacgtttt 1080
ggcgatttca tgctcttttg ctactgggt gccttcttca cactcttgc aattatgatt 1140
gtcacctact ttctcactat ccatgcttta cagaagaagg cttacttagt caaaaacaag 1200
ccacctcaac gcctaacatg gttgactgtg tctacagttt tccaaaggga tgaaacacct 1260
tgctcgtcac cggaagaggt ggcaatgctg gatggttctc gaaaggacaa ggctctgccc 1320
aactcagggt atgaaacact tatgcgaaga acatccacaa ttgggaaaaa gtcagtgcag 1380
accatttcca acgaacagag agcctcaaag gtcctaggga ttgtgttttt cctctttttg 1440
cttatgtggt gtcccttctt tattacaaat ataactttag ttttatgtga ttcctgtaac 1500
caaactactc tccaaatgct cctggagata tttgtgtgga taggctatgt ttcctcagga 1560
gtgaatcctt tgggtctacac cctcttcaat aagacatttc gggatgcatt tggccgatat 1620
atcacctgca attaccgggc cacaagtcac gtaaaaactc tcagaaaacg ctccagtaag 1680
atctacttcc ggaatccaat ggcagagaac tctaagtttt tcaagaaaca tggaattcga 1740
aatgggatta accctgccat gtaccagagt ccaatgaggc tccgaagtgc aaccattcag 1800
tcttcatcaa tcattctact agatacgctt ctctcactg aaaatgaagg tgacaaaact 1860
gaagagcaag ttagttatgt atagcagaac tggcagttgt catcaaact atgatgagt 1920
aagatgatga atgagatgta aatgtgccaa gaatatatta tataaagaat tttatgtcat 1980
atatcaaata atctctttta cctaagatgt aagtattaag aatatctaatt tttcctaatt 2040
tggaacaagt tattccatga ggaaaataat tttatatagc taaaaatgaa aacaatccag 2100
cactctgggt aaattttaag gtattcgaat gaaataaagt caaatcaata aatttcaggc 2160
tttaaaaaaa aa 2172

```

```

<210> 7843
<211> 1023
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1024)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (804)...(519)
<223> similar to gi3241940 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7843
ccctctcccc ctttttaaaa ccccggtccc gcaattttaat ttggggggccc cataaaaaaa 60
ataatcactt gccaccccc gggccttaaa attggttctt ttaaaagggc gccccttttt 120
tttttttttg agctttggac aaattttattg aaacatacag ggggtgtgta gcagagaaat 180
cattccatga ttgatgtgtt acattttggcc actaccttga atgtataatt taaaaattat 240
atttttcaca actaagcctt tggccaaaaa agtcatttag cacatcttta aagatcaata 300
agaaatggat tttggacatt aaaaagatca agtcactgaa ttaaacagta gcaaccccca 360
ttaatctaga atcccatagt gctgaaggta gaggtgtctg tgcaaagcta gtcatttggt 420
aacagcaatc agaagagatg ggggcaggca cacctgtcag aggtggcagc agagctggca 480
ggacaggacg gctgggctgg tctggtcagg tgagcatgtc ccagagacag cagcaacaga 540
gagccgtcca gcaggctgtg aggcagggtg atggtcctag ctcatctctt ctttgggtctt 600
ctaccacata cactgtggtt ttaggaggct cctgagggtc accctgccag ccgtactgtg 660
ggatatcctg gtaggggtac ccttgaggag gtgggtaggg tccccccata ggtcctggac 720

```



ccattggttg	tgggtggataa	ggtgggtatg	gggccgttgg	accagggcct	ggatatggtg	780
gagggttctc	ttggttcatc	ggggacctgt	aaagtgcacc	tctcctctcc	acgaaccgac	840
tggataacgg	tcgggtctga	acctgaggag	cccggaccag	cccgcagtag	acttgccgca	900
cctgtctcag	agcaagtgag	gagcagccgg	gcgcctgacg	tcacggccgc	tcccagcgcc	960
gcgaaccggg	agtcacctga	tcaccctggc	aacgcgcgga	attccnccac	actggagtag	1020
ggc						1023

<210> 7844  
 <211> 3111  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3023)...(2822)  
 <223> similar to gi3878720 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7844						
cccttttagcc	aaaatcatatc	atacagttat	tgaagctga	actatgattt	gaaccaggt	60
ctaatacaac	tttaagtctg	cctatgctct	ttgttgctt	catggtcagg	caggtcacct	120
tcttggaag	actggcatgt	gggtaatttc	ctcagagcct	aataaataaa	taaggctctt	180
taagggttaa	aaagtgttca	attcggggct	agaggccac	tctggtcctc	aggcacttgc	240
agttccctcc	ccgcaaccct	aaaaaaaccc	tccctcctgc	cccaaaagga	ttagagttgt	300
tccccggcct	tcatgagccc	taatacctat	aaaaccaagc	agctactccc	tgtcaagggc	360
attaatgtag	taaatgggga	actgtgtgtt	tgcataactt	tagtaaaggc	tgcctaaaaa	420
ctgttctata	caacaaaatt	ttgcaagata	tgtgtccatt	taatgtatct	ttcacattga	480
aaacaaaagc	caatatattt	tataattaca	gcctataatc	taagttttta	aaatatataa	540
ccatagatgt	tatatattccc	cttcagaact	gtagtagtgt	tcttaataag	gctcactggt	600
agtcaaatct	tcattctcaa	ataatacaaa	tttgaatgtt	caacagtcac	tcaataaac	660
atcatataac	tcaaaattaa	gacattcata	ctatagaaac	cagtctttta	ttactaaagt	720
taacatatat	tattgcaaac	taacatagct	caatctatat	ttgctacact	cctaaagtgg	780
ccgcttatca	gtaaggggaa	acattttatta	ttgacatgca	ttactgtgaa	caagaaaata	840
aatagggttt	tgaataatct	tcttaaaaaa	ttaattttta	ttacaaaaaa	taaccattca	900
ggttgctgaa	cattaaaatg	gccaatctat	tgaataatggc	ttcaataatt	gcttttaaaa	960
atgaatacaa	aactaaacag	tgattaaggt	gctagcctca	tgaataggac	aattaaaatc	1020
taaaaacatt	agtgttgatt	ttctataata	aacttaagcc	aaaaacaatg	acctcaatat	1080
ttacttaaga	cttcttggtt	tcatactttt	ctcctcatta	atataaaaaa	aaagagctca	1140
aggcctcacc	ttggtttatt	caactgtggt	tttctatgtg	ctgaaactag	actgtcaact	1200
ctgtaagagc	ttggaccaag	tctgtcttgt	tcaccactat	gtcctacagc	actctgcaca	1260
gtgcctggga	aataggaggt	gatcaacgaa	tatctcaata	actgaatcaa	tgcaagagga	1320
gagtaaaata	actttatttt	tatttttgca	aatcatcctc	tgctcaaact	actataaact	1380
ggcagctgta	atttctagaa	atatgggttg	aaaaaactcc	cagagatgga	aggacctgat	1440
gaaacactga	aacacacaaa	tacacacaca	cacacacaca	cacacacaca	cacacacaca	1500
cacacacgac	tgcatgagtc	aaaattactt	catgaagtat	gagatgtcaa	cattatgtaa	1560
ataaaattta	atattgaaaa	agtgatctgg	aagccctgtg	aattttttacc	ctacacattt	1620
tggaggacat	cacatgggtt	aaagaaaaca	ccacaaaatc	tcatttggtc	agataatcat	1680
ttgaatgttt	acatacattt	ttggttattt	atttataact	aatttaattt	acatttcctc	1740
atattaacat	atcctcttat	ttagtatgta	atcaaattat	gtcagtgaga	aaaatcctca	1800
tagtaccttg	agttgctgat	tctgagaaaa	cactaaacat	gaacatgtac	aaaagaggca	1860

```

tttgaataaa acagcatgtg cattttttta atatttgcac agtttgcctt ttgcatttct 1920
gtctggagaa aatatgaaca aaaccaggt ttaccatgct aagataatgg ttcatatgac 1980
tgccataaaa gtagtacata caaacaatga aaacaaatca catccttagg ttccatgatt 2040
accgagatga tttcccctgc cctaagtgtt ttattatatt tcttaaaaaa tataggagca 2100
gcagcttata acaagtctcc acaagtgcac taatgatgga atcaaaacaa cacaacagat 2160
tcataaggat gagagaactg cagaacaacc agaagtcagt tttatgcttc ttcttgttct 2220
ggataattca gaattttgcg gtgtgcctgt cgtaaataat gctgctgttt gaagtaaact 2280
ttaaatgctc cttttatggc aacaaacgca attccaccca agattgtcct ttgtaaatta 2340
gagttaacac tactgaacat caatttacca actattgtag caatagtagg aaagacaagg 2400
gctccacaca agattcgagt agcagagaca tgatctgcta aaggattggc ctcagctgga 2460
attcgaggaa caggacaacc tatccctgga aatatactat ttaaaatttg tagtttattc 2520
gagtatttgc gccacagtct aagcacatag tcctcccagc gaatcatctt gcctaataatc 2580
agcatgacag gaatagtagg aagtccaatt aaaaggaata aaggatcagc tctctccata 2640
acatccagac cttctttatg acctacaacc tgcatactg tcaactgctc ataagtcaca 2700
gctgtccaat agatagagcc gaccattatt cctgctgcag caaatggaca ggcttttgag 2760
atcagtctat ctgcaagatc caagacgtaa accactggac ccaatttttg aaaaactatt 2820
aggtattcag cattgcactg aggacatgcc actctggctg tactgtttcc tctttgcttt 2880
tcatccaccc agcgtttag acaggcctgg tgaaccatt ttgtagatcc tctgcacctg 2940
catggtctca cccattcagc tgttctatca tcttcacag tagcaaaaca aaccagcaa 3000
cttctgtcca gcatctgctg tagggcttgg tccggcatct tccgaggagc cggcgcacac 3060
ggccttcccc agtggaaccg ctcaaggcca ggcccaggga caatagcact g 3111

```

<210> 7845

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (384)...(455)

<223> similar to gi2228777 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7845

```

tcttcagaag gaagacaggg cttctggtta tacatctgga actcttttcc cacaacacca 60
acattaagaa atgtgacatg gggctgtgtt tacatttgca taggaactcg cattataagt 120
tttatttggg gagttatttg cttttttttt ttaataaacc cacatcagta tatagaactt 180
tgcaataggc atttttgttt taacttcatt tgtggcgcag ttttattttc ctacccttgt 240
ctttctattt tctctttcat cggcttttaga cttaaactgt gttttatgta ttgctgtaag 300
cctctttaaa ccctttataa aacaaagcag ggaatacata aacaaatagt tttttgtctt 360
tcgttttttt tctttgtaac acaaatcgac ttaaagcctc cagagaagta gaatctgtag 420
accttcaca ctgccacctg attaaaggaa ttggtatgta tatgaaaatg cttgttgggc 480
acattgcatt ttttggccat taacattaaa aactcatta atggcatttt agcatgaaat 540
tactgctttt cagtggataa atcacattag atcaacaaa acctcttttg tcaacctctt 600
gatctgatga accctgtatt tattcttctt tcctaccctc actgtaaatt attctttttt 660
gtgtggaatt ctatgtttag catttgattt cttgc 695

```

<210> 7846  
 <211> 2887  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (95)...(2196)  
 <223> similar to gi2326549 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

00437323460

```

    <400> 7846
gcgtcgacga tttcggggca gctagtccca gtactccgag tcggtcgcg gccgacaggc      60
atcccctgag cgctgtctgg gctcttatca cgcgatggca tccactgtgg aaggaggcga      120
cacagctctg ctcccagaat tccccagggg gcccctcgat gcctaccgag caagagcgctc      180
cttcagctgg aaggagctgg cgctgttcac ggaaggggag ggcattgctcc gctttaagaa      240
aaccatcttc tcagctcttg agaatgaccc tcttttcgct cgttcccctg gagccgatct      300
gtccttgagg aagtatcgcg agctgaactt ccttcgatgc aagcggatct tcgagtatga      360
cttcctcagt gtcgaagaca tgttcaagag ccctctgaag gtccccgcct tgattcagtg      420
cctgggcatg tatgactctt ctctggctgc caagtacctc ctccatagct tggtttttgg      480
atcagcagtt tacagttctg gttctgaaa acatctcaca tatattcaaa agatcttcag      540
gatggagatt tttggatggt ttgctctgac cgaattaagc cacggcagta ataccaaggc      600
cattcgacac actgcccact acgatcctgc cactgaggaa ttcatcatac attcccctga      660
tttgaagct gccaaagtttt ggggttgcaa catgggcaag acagccactc acgcggtggg      720
gtttgttaag ctgtgtgtgc caggggacca gtgccatggg ctgcatecct ttatcgtgca      780
gatccgggac ccgaagaccc ttcttcccat gcttgagtg atgggtggcg acataggaaa      840
aaaactcggg cagaacgggtc tggataatgg tttcgccatg ttccacaagg tcagagttcc      900
tcgccagagc cttctgaacc ggatgggaga cgtcaccccc gagggcacct atgtcagccc      960
ctttaaggag gtcaggcagc gctttggagc gtccctgggg agcctgtcct cgggcccggg      1020
ctccatcggt agcctggcca tccttaacct aaagctggcc gtggccatcg ctcttcgctt      1080
ctcagccact cggcgtcagt ttggaccac agaggaggag gaaataccag tgcttgagta      1140
tccaatgcag caatggcgct tgcttccata tctggcagct gtctacgcct tagaccattt      1200
ctccaagtgc ctcttctctg acctggtgga gctccagcga ggacttgcat cgggagaccg      1260
cagcgccaga caggcagagc ttggacgtga gatccacgcc ctggcatcgg ccagcaagcc      1320
cctggcctcg tggaccaccc agcaaggaa tccaggaatgc cgggaggcgt gtggaggaca      1380
cggctatctg gccatgaacc ggttgggtgt ccttagagat gacaacgatc ccaactgcac      1440
atacgaaggt gacaacaaca tcctgctgca gcagacaagc aactatttgc tgggtctcct      1500
ggcacaccag gtccacgatg gagcttgctt ccgcagtcgg ctgaagttag tggactttct      1560
ggacgcctat cccggcatcc ttgaccagaa gtttgagggtc tccagtgttg ccgactgctt      1620
ggactctgca gtcgcccctg cagcatacaa gtggctgggt tgctacctgc tccgagagac      1680
ttatcaaaaa ttaaaccaag agaaaagatc aggaagcagt gactttgaag caaggaacaa      1740
atgccaggtg tcccacggcc gtccggtggc gctggccttc gtggagctca cgggtgtcca      1800
gaggttccac gagcacgtgc accagccttc cgtgccgccc tcgctgcggg ccgtgctggg      1860
gcggctcagt gctctgtacg ccctgtggtc cctgagccgc cacgcggccc tgctctaccg      1920
aggaggatac ttctccggtg agcaggcggg agaagtgttg gagagcgccg tcctggcttt      1980
gtgttccacg ctgaaagacg atgcagttgc cctggtagac gtgatcgctc ctctgactt      2040
tggtctggac tcaccgattg gcagagccga cggcgagctc tacaaaaacc tctggggcgc      2100
tgtcctgcag gaaagcaagg tgttggagcg ggcattcctg tggccagagt tttctgtgaa      2160
caaacctgtc ataggaagtc tgaaatcgaa gctctagtgg gactggcaca cattcagcca      2220
agtctaataa aacgaaggga actaatcaga cgtggacctc aacttctgat tccagaacac      2280
accggagatt gctgctgctt tctgagcccg cacctgtgcg cctaaactgc tgattggcct      2340
caactgccca ggcggacggg agggaggcac ccggccggct ggactaatct gggatcgcg      2400
tgatttgcag cgtggaaaag aaatgcagat gatcatgtct accctgatgc gctgtgggtt      2460
  
```



gctgggtgca	gtggctcaca	cctgtaatcc	cagcactttg	ggaggccaag	gcgagcggat	1800
catgagggtca	gaagatctag	aacagcctgg	tcaacatggt	gaaaccccg	ctctactaaa	1860
aatacaaaaa	ttagccaggc	ttagtggcgg	gcattctgtag	tcccagctac	tcaggaggct	1920
gaggcaggag	aatcacttga	accctggagg	tggaggttgc	agtgagccga	gatcatgcca	1980
ctgcactgca	ctccagcctg	ggtgacaaag	caagactgtg	tctcaaaata	aataaataaa	2040
ataaaataaa	aaaaaaaaaa	agg				2063

<210> 7848  
 <211> 1019  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (23)...(886)  
 <223> similar to gi5853317 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7848						
gcacgagccc	cgggtgcgcg	gtatggcggc	cagcctgtgg	atgggcgacc	tggaacccta	60
catggatgag	aacttcatct	ccagagcctt	tgccaccatg	ggggagaccg	taatgagcgt	120
caaaattatc	cgaaaccgcc	tactgggat	cccagctggc	tactgctttg	tagaatttgc	180
agatttggcc	acagctgaga	agtgtttgca	taaaattaat	gggaaacccc	ttccaggagc	240
cacacctgcg	aaacgtttta	aactgaacta	tgccacttac	gggaaacaac	cagataacag	300
ccctgagtat	tccctctttg	tgggggacct	gaccccgac	gtggatgatg	gcatgctgta	360
tgaattcttc	gtcaaagtct	acccctcctg	tcggggaggc	aaggtggttt	tggaccagac	420
aggcgtgtct	aagggttatg	gttttgtgaa	attcacagat	gaactggaac	agaagcgagc	480
cctgacggag	tgccagggag	cagtgggact	ggggtctaag	cctgtgcggc	tgagcgtggc	540
aatccctaaa	gcgagccgtg	taaagccagt	ggaatatagt	cagatgtaca	gttatagcta	600
caaccagtat	tatcagcagt	accagaacta	ctatgctcag	tggggctatg	accagaacac	660
aggcagctac	agctacagtt	acccccagta	tggctatacc	cagagcacca	tgcagacata	720
tgaagaagtt	ggagatgatg	cattggaaga	ccccatgcc	cagctggatg	tgactgaggc	780
caacaaggag	ttcatggaac	agagtgagga	gctgtatgac	gctctgatgg	actgtcactg	840
gcagcccctg	gacacagtgt	cttcagagat	ccctgccatg	atgtagccag	gccaaaggac	900
aagccaggtt	gcatgatgtg	agggagatga	gagactcctt	tttaaaaatt	gtgaaacctt	960
tttggaata	tgatttgtaa	gatttttaata	atgactgttt	ttggagatca	aaaaaaaaa	1019

<210> 7849  
 <211> 1694  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (127)...(1536)  
 <223> similar to gi5596714 in the genepept database release 114,

004437220400

Run with FASTXY 3.3t00, default parameters

<400> 7849  
gcggtggaat tcgtgggagt tgccttgacc tgcagctccg ccaccgcgga cccgccttct 60  
gccctcagca gcagacgctc tgtcccgccc gggcagctct gcgaggcagc ggctggagag 120  
ggaaccatgg ggactgtgca cgcccgaggt ttggagcctc ttccatcaag tggacctgat 180  
tttgaggat taggagaaga agctgaattt gttgaagttg agcctgaagc taaacaggaa 240  
attcttgaaa acaaagatgt ggttgttcaa catgttcatt ttgatggact tggaggact 300  
aaagatgata tcatcatttg tgaaattgga gatgttttca aggccaaaaa cctaattgag 360  
gtaatgcgga aatctcatga agcccggtgaa aaattgctcc gtcttggaat ttttagacaa 420  
gtggatgttt tgattgacac atgtcaaggt gatgacgcac ttccaaatgg gttagacgtt 480  
acctttgaag taactgaatt gaggagatta acgggcagtt ataacaccat ggttggaac 540  
aatgaaggca gtatggtact tggcctcaag cttcctaata ttcttggtcg tgcagaaaaa 600  
gtgacctttc agttttccta tggacaacaa gaaacttcgt atggcctgtc cttcttcaaa 660  
ccacggcccg gaaacttcga aagaaatttc tctgtaaact tatataaagt tactggacag 720  
ttcccttggg gctcactgag ggagacagac agaggaatgt cagctgagta cagttttccc 780  
atatggaaga ccagccacac tgtcaagtgg gaaggcgtat ggcgagaact gggctgcctc 840  
tcaaggacgg cgtcatttgc tgttcgaaaa gaaagcggac attcactgaa atcatctctt 900  
tcgcatgcca tggatcatga ttctcggaat tcttccatct taccaaggag aggtgctttg 960  
ctgaaagtta accaggaact ggcaggctac actggcgggg atgtgagctt catcaaagaa 1020  
gattttgaac ttcagttgaa caagcaactc atatttgatt cagttttttc agcgtctttc 1080  
tggggcgga tgttggtacc cattggtgat aagccgtcaa gcattgctga taggttttac 1140  
ctcgggggac ccacaagcgt ccgcggattc agcatgcaca gcacccgccc acagagcgaa 1200  
ggagactacc taggtggaga agcgtactgg gccggcgccc tgcacctcta caccacatta 1260  
cctttccggc caggccaggg tggctttgga gaacttttcc gaacacactt ctttctcaac 1320  
gcaggaaacc tctgcaacct caactatggg gagggcccca aagctcatat tcgtaagctg 1380  
gctgagtga tccgctgggc gtacggggcc gggattgtcc tcaggcttgg caacatcgct 1440  
cgggttgaac ttaattactg cgtcccatg ggagtacaga caggcgacag gatattgtgat 1500  
ggcgctccagt ttggagctgg gataaggttc ctgtagccga caccctaca ggagaagctc 1560  
tgggactggg gcagcagcaa ggcgcccatt ccacacaccg tctctcgagg aaacgcggtt 1620  
cagcgattct ttgactgcgg accctgtggg aaaccccgtc aataaatgtt aaagacacac 1680  
tccgaaaaaa aaaa 1694

<210> 7850

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (17)...(236)

<223> similar to gi3367693 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7850  
ctgagactcc agcaggatgt cttatcaaca gcagcagtgc aagcagccct gccagccacc 60  
tctgtgtgac cccacgcaa agtgcccaga gccatgtcca ccccgaagt gccctgagcc 120

```

ctgcccacca ccaaagtgtc cacagccctg cccacctcag cagtgccagc agaaatatcc 180
tcctgtgaca ccttccccac cctgccagtc aaagtatcca ccgaagagca agtaacagct 240
tcagaattca tcaggacca gaaaggataa ggatatttgg ctcacctcgt tccacagctc 300
caccttcate ttctcatcaa agcctaccat ggatacacag ggagcttctt tctccttagc 360
cagtaatctg cccatgatga tccctgacag caaaaagtgt cttttctgag gctgccatac 420
tgccactgtc caggtggaga ctgagcaaa gaagtcctgg gctgtgccag ctcccagagc 480
ttcggaagaa agagcagcag ctctctccct gggaaccatc agagaattct gttgatgtgt 540
tctgtgtctg tctgtcacct ggtcacgagc ttctaccacc ttgcaattg tcacttatct 600
ttcactccct gaataaagta tctatgcata aaaaaaaaa 639

```

```

<210> 7851
<211> 3147
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2883)...(738)
<223> similar to gi29664 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7851
tttttttttt ttccacagaca gatgtggggc cttttattat ttgggggttc tctatatgga 60
acacgggacc tccccacccc aagcctagtg cctctggcac ccccataacc agtacacaag 120
tccttgaaga gtcccccttta aaatcactaa tataaaaaaa ggagcgaagg agggaaggcc 180
gcaacgccc aaggctgggc agctcctggg cggcagcagg gccagggaag gacagagggg 240
gcgttggctt cggcgagga aggcacaggc gttcccagcc cgggggcctc cccgagccgg 300
gaggcggctc cacacgcctg gactgcagac tgtgtcgagc tagtggttat agtttatagt 360
ctgcaggcaa ggccaggccg gtggtgctga gtgggtggcc tctgaagtgg ggagagggga 420
cacatcagga tgctggggaa acccggggct gtcccaggc aggaacaagc gaaagctgcc 480
ttcctggctt ggcaatgggt gggggccagg gagtccatcc cgagcccatg gctggcacag 540
gcaggggcca cacagttctg cccggagcag atgaacgatg gtggctggga ggagagggga 600
caggaggacg aggtgcctc tctgtcccaa ggaaggcact tgcagctggg gtggcctggg 660
gtggtgtggt aggagcgag gcttggcaga cgaggaggga ggggagcac gcaaggggga 720
ccgagtcctt gctcatgca aacatggtca gctgcaacca cttaaacaag tcaaagggtca 780
caactccatc cagatctgtg tccagagttt tgaaaaatcg gaacatggtc tctagccgca 840
ccaggcagca aacgaaattg tcaaagtcga ccggcaggtc gggctccgag tagcgggtga 900
tgatgagctc gtacagcttc ttgttgagct tgaagcctgc cgactcaatg gccatccgca 960
tctcgtagga actcatgctg cccgacttgt ccagggtcaaa cttccggaag atggacaggt 1020
aatccggat gcggttccac aggatgttga actccaccag gccagcttc ccattgccat 1080
cacgatccat gaggttcacc atgctgcggc acgactctag gctgaagccc ttggtccgca 1140
ggtctttgtg tttgctgatg atcctattga ggattgtccg caactccttc acgctgatct 1200
ccatgtcctc ccctgccagc tgctgaaga gggccttgaa gttctcgtca atctcctctt 1260
ctgagagcac ttgctcatcg gggagattgg cctggatctg gtcattccagc tccacagtcc 1320
cagcactctt ctctgagaag aagcgagca cgaagtcgcc ctcttgttg ggctcgaagg 1380
tgaggggac caccacatac tcccgggtg gcaggcgga ggggtgctg acctctcgca 1440
ggttgatgaa ctgctctgag cgcgcccgag acgcatggc caggaagaag tcacgcttca 1500
agtgtacggc cggttgggcc accagctccg gagggacctc gtagaccgag aagccaatag 1560
tctccatgtc gcggccgaag cggcgctcgc ggcgacggtg cttctgcata agggcgagca 1620
cgaagctgca gctgactcg cgggtccccgt agtcgtccgg gtcattccgct tcatccagcc 1680

```

```

ggatcttgaa ctgagggttc acccagaag tggctgggta gtttcggcag cccccgcgg 1740
tgctcccccg cgcgcagggtg ccttcgtaga gtgtgggtgtt ccatttgcg atgggtccggc 1800
tcttgagggc gtcgggtgtg aggttgacaga tctccaggcg ggtgaactcc cgcatagaagt 1860
ctcggaatga catccagaac tccccgtcct ccattcttgac ccggagctgg tcccgttcat 1920
atgggtccac gttgttccac tctgaggagc tgtcgtcca ggctcccgtc cactccacct 1980
cgccccaggg gttccgcata cgcatcaggc tcaccacctg gcctcggtag ttcacctgct 2040
tggccccggt cacagagtag gcatggccct tcaccaactt cttgaaagt atggcctcca 2100
tgtctagaac gctggagatg tctatggagc agcccagcag ggagccccgc tccagcgctt 2160
tgaggatgat ctggtagagg tcaactggag ccttgcgcaa ctcgtagcac tcggtaaccc 2220
cgctgtgaa gtcctcaaag ccctctgagg tgctgcccc tgacagggcc tcgtagctgc 2280
catttacctt ggcataggcc ttctcaagca gggcgctcca gaactcgttg ccttcggcag 2340
agtgcacgaa cactagcttc ccgtccttga tgggcagcag gtcattccag accacgtcca 2400
cccactcccc aaattgccac agctggaaat ggaagatgcc ggcatagcca ttctggaagc 2460
tctggccgtg cggaaccact cgggtgcagga ggggtgtcgtt gagagtgagg gaggcaatgg 2520
ccgccaagag ccagcagtc ccagtgctc cctggcagat gtctgtgcgg gtagctccat 2580
ccacaatgaa ctgggggttt gacagcagtt ccgtgggacg cttccacttg atgccatagg 2640
tcttgaggga attgggaccc aggtccttgt aaccaggct ctgggggtacc ggggggaagg 2700
cctcatcacg gaagagggtc ccaactctgca ggcatcgac ccgcagctgc tcataatcct 2760
ggcccaggta cttgatggca ttctcatggc ggcccaggcc cagctccctg gcccgctgct 2820
tctgcacttg ggctgacacc ccagtgagc acaccggcgt gatgatctcc tccgacatcc 2880
tgccggacag atgggcctgc tcagaaccca ggccttccca agactagaac ctgggctcct 2940
gcctgcaagc tctgtctctc tgcccctgct tatccatccc caaacctagg gtttccctgc 3000
ctcactgctc ccctcacaga agtaggggtc tcagccacct cccggtgctc ccagtgaatc 3060
caggaaaggg atttcccagt tcccaggcgt gccggccacc tctcctttcc cggatcccat 3120
tgtcaggggc ttgcagctct gacgaaa 3147

```

```

<210> 7852
<211> 2633
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (44)...(1021)
<223> similar to gi4929621 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7852
gcgaccgcgt cggagagggg ggtggcagcg gcccgggagg ccgatgcaa gccagcgacc 60
caccatggag acccgctaca acctgaagag tccggctgtt aaacgttta tgaaagaagc 120
ggcagaattg aaagatccaa cagatcatta ccatgcgcag ccttttagagg ataacctttt 180
tgaatggcac ttcacgggta gagggtcccc agactccgat tttgatggag gagtttatca 240
cgggcggata gtaactgccac cagagtatcc catgaaacca ccaagcatta ttctcctaac 300
ggctaattgt cgatttgaag tgggcaagaa aatctgtttg agcatctcag gccatcatcc 360
tgaaacttgg cagccttcgt ggagtataag gacagcatta ttagccatca ttgggtttat 420
gccaacaaaa ggagaggagg ccatagggtt tctagattac actcctgagg aaagaagagc 480
acttgccaaa aaatcacaa atttctgttg tgaaggatgt ggctctgcca tgaaggatgt 540
cctgttgccct ttaaaatctg gaagcgattc aagccaagct gaccaagaag ccaaagaact 600
ggctaggcaa ataagcttta aggcagaagt caattcatct ggaaagacta tctctgagtc 660
agacttaaac cactcttttt cactaactga tttacaagat gatataccta caacattcca 720

```



```

gggtgctacg gccagtacat cgtacggagt ccagaattcc tcagcagcat cctttcatca 780
acctacccaa cctgtagcta agaatacctc catgagccct cgacagcgcc gggcccagca 840
gcagagtcag agaagggtgt ctacttcacc agatgtaatc cagggccacc agccaagaga 900
caaccacact gatcatggtg ggtcagctgt actgattgtc atcctgactt tggcattggc 960
agctcttata ttccgacgaa tatactctggc aaacgaatac atatttgact ttgagttata 1020
atatggtttt gtgacttatg agctgtgact caactgcttc attaaacatt ctgcattggg 1080
tataatctaa gaattgttta caaaaagatt attttgtatt tacccttcat tccttttttt 1140
gatccttgta agtttagtat aaatatatct agacattcag actgtgtcta gcagttacgt 1200
cctgcttaaa gggactagaa gtcaaagttc cttgtctcac tatttgatct gctttgcagg 1260
gaaataactt gttttttctc atgtttcatc ttctttttat gtaaatttgt aatactttcc 1320
tatattgccc tttgaaatth ttggataaaa gatgatgttt taagttccaa tgagtattac 1380
tagttactca ataccactta ttgagtactc tgtttctacg tatgtagaat gtatagggat 1440
agaagagttg aaaagggaaa gcaaaactcc tcaagtagct tccttaaaat gtcattcata 1500
ggagatgtac tggaattgtc cattctgtga ctttatttgt gtcctaaaca ttcttcagt 1560
aaaataatth tatttcagtc aaacatttat gaggaatga gatcacatct ttgtcactgg 1620
atgctacttg aagagggagt actttgtaac cactttgata tgctgttatc accacccct 1680
gccctctgct gccataatca cacaaattht aaaagaaaga aaacagtctt ccatagattt 1740
ttaaggaaga aagggcccaa gccaggagat cgcttggttt tcttcagaa gttaaattgg 1800
gggatctgaa gatttgaatg tttgtctgct tttgaaatgt atgtcttttg ggatgtatta 1860
tatgcctagc tttataatca gtataaattt taattattcc aggaatatgc ataattattga 1920
aatatttcat gtcctattth aatagaaaac ctccaggccc aagtaacagt gatagaagtt 1980
agaaaaacct ttacttagaa ttgtccacct agtcagagcc caagaaagaa ttttcagtgg 2040
aaaaatcaat atataactta gtgctagcta gcgccacaga ctctagtaga taatattatc 2100
atcataatgg ctggtgaaac catataatca cagaaaaaca ttgccttcag catgttcagt 2160
tcgcagcact gagggcactc ttgaggggtgt tgtaaatgaa gatttaattt ttaaatacag 2220
gtggttccaa gctttcaaht aggttatgct ccaaaagtgt tatttgtaag ttaatttttt 2280
tacaagtcaa acaatgttgg aagtgtgatt taggttctag atcggtccac gaaagtttagc 2340
ccatatgtat atcttgaata gtatagggga ggtattcat aaagtcctta tgtggtttta 2400
actaagtcaa attatggaca agagaaataa ttgtaaaatc gtcttaaagg aaaatttaht 2460
ttttactcct gtttatggga cattcgttct attaactgtc agacacaatt tctgttttca 2520
tctgagagcc agttttcctt tatttctaca tctaaaataa gaacatattg tacactatta 2580
tataatacag aattgtctta aactttaata aattcgcatt ttaaagggtga aaa 2633

```

<210> 7853

<211> 649

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (187)...(536)

<223> similar to gi2138334 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7853

```

cgaggcggga gggcgccctt gttgccctgg agacgctttc cctgctgccg gccgcgaccg 60
caaccgccta ggccttcacg gcgagctacg cccggaccga gaagccccgg catggccacg 120
tccatcgagag tgctcttctc ggtggggcgc ggggtgcctg aggctgagaa gaacgcaggg 180
gagccccaga acacctatat tctgcggcct gttttccagc agaggttcag gccctctgtg 240
gttaaagact gtatccatgc tgtgctcaag gaggaactgg caaatgctga atattctcca 300

```

gaagaaatgc	ctcagcttac	aaaacattta	tcagaaaaca	ttaaagataa	attaaaagaa	360
atgggatttg	accgatacaa	aatgggtggtg	caagtagtga	ttggagaaca	aagaggtgaa	420
ggagtattca	tggcttctcg	ctgtttctgg	gatgctgaca	ctgacaacta	tactcatgat	480
gttttcatga	atgacagttt	attctgcgtt	gtagcagcat	ttggctgttt	ctactactga	540
atgaatcttt	gaaaagctgg	taaaagacat	gaccatgaag	aaatctgaac	tttttaatat	600
tgttaaatat	cttgacaaaa	taaagatggt	agtagtttga	aaaaaaaa		649

```

<210> 7854
<211> 2595
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (347)...(926)
<223> similar to gi4884079 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7854						
tttcgtccgc	caatggcaga	gctcccatcg	cagagcctgc	gggttagggt	gtgaggcccg	60
ggccgggggc	ggggaggagc	caagggggcg	agcaagctcg	gtggctgggt	gggttggggc	120
gttcgcgcgc	cccttcattg	aagcggcggt	ggcggcgctg	ggcgccggta	gtggaaagcg	180
acggcgcggc	tggaaaatgc	cagtccattc	ccgaggggat	aagaaggaga	ccaaccatca	240
cgatgagatg	gaggtggact	acgccgaaaa	tgaggggagc	agctccgagg	acgaggacac	300
tgagagctcg	tcggtctccg	aggatggaga	tagctcagaa	atggatgatg	aagactgtga	360
aagaagaaga	atggaatggt	tggatgaaat	gtccaatctt	gaaaaacagt	ttaccgatct	420
caaagatcaa	ctttataaag	aacgattaag	tcaggtggat	gcaaaactac	aagaagtcac	480
agctggaaaa	gcaccagaat	acttggaacc	gctggcaact	ttacaggaaa	atatgcaaat	540
tcgtacaaag	gtagcaggaa	tctatagaga	gctctgctta	gaatctgtaa	agaacaaata	600
tgaatgtgaa	attcaagctt	ctcgccagca	ttgtgagagc	gaaaagctgt	tgctatatga	660
tacagtccag	agtgaactag	aggagaagat	aagaaggctt	gaagaggata	ggcacagcat	720
tgatattacc	tcagagctgt	ggaatgatga	gcttcagtc	agaaaaaaga	ggaaggatcc	780
tttctggcct	gacaaaaaga	agccagggtg	tgtttcaggt	ccatatatag	tttatatgct	840
acaagatctt	gatattcttg	aagactggac	aacaattagg	aaggcaatgg	ctacattggg	900
gccacacaga	gtgaaaacgg	aaccacctgt	gaaactggaa	aaacatctgc	acagtgctag	960
atctgaagag	ggaagactat	attatgatgg	tgaatggtat	atacgtggac	aaacaatatg	1020
tattgataaa	aaagatgaat	gtcctacaag	tgctgtaatt	acaacaatta	accatgatga	1080
agtttggttt	aagaggcctg	atggaagcaa	atctaagctt	tacatttcac	agctacagaa	1140
aggaaaatat	tcaattaaac	attcataatc	atgatttaag	tgttatctaa	atttacctta	1200
ttagtgttac	caaatgtaag	tgccatgaga	gtaaaaaaat	gtattcaata	acttaatat	1260
ctcactgaat	catgagagaa	tgtgtatttg	taggtagtac	tctaaataga	tctcattgat	1320
atgttattaa	aagaaacagt	aataaaaaat	ttatcacgat	ccttacgttg	atttgcctct	1380
taggtccgat	gaccaatagg	tattctgtat	atggtagggg	tttctttcta	aacatttttc	1440
tttggtttta	aaaaaagtta	tgcaaatttg	tcttatcttt	agtaaactat	gactacattt	1500
atctgcaatt	tttaaaattt	tccatatctt	tgtcattcat	tgtgtgtttg	taaataaggc	1560
cgataggaat	gttttcctata	aatggtttgt	actagtacat	tagtggttaa	ccagaactga	1620
aatttaaaaca	tatatatata	tgaggatgta	tatatggcat	catcagctta	tttagaactg	1680
atggccatac	cttacaatct	tgttttaccc	aaaattaagc	tattgggggt	gaaagctaaa	1740
aggagcactt	ttgtagaata	gcaacttttc	ttttcctctt	tcttgattgt	atgggtgggt	1800
ggtgacctat	ttttacaaat	tataccta	gagtaaaatt	agtgtaaagt	gataacatgc	1860

```

ttctacctgt atttctagtg acccttttagc ggcaggtatt tatacctggt atttatgatg 1920
cagtataataa gtggtgaaca ataactgaca gtattgtgct tgctgtacat gtctgggtctt 1980
ttgaaacaga ttttagtaag cattttccag aggtaaaact gtgtccttat tctaatttta 2040
ttcctagggc aaagtagaca gggattatct ccttgaatct atttccaaat taatattttt 2100
ttctttggta tttctacact ttaaggccat ttggtgcaat ttagaaaagt ttggcctccc 2160
ttccgctagc cacattcaaa attaacttcc aaaacctcag gaacagtaca aagaattgaa 2220
accctcaata tggcagcaca gccggctgta gtgtatatatt agggtagacc aaatcaggta 2280
ttcctgggtg tcttgtgcac ttttaatttct gttacaatga gtttaagagga tgaggaagaa 2340
atctacttat taacacttac tgcagaaatg tctgcattat tccgtttgtt ttcttattat 2400
tttacctctc caaacatctt cctgtgcaga tcactacttc atagttgccca aattttaaaa 2460
cacttaactg ctgaaattca gtgtcagcaa agtgaatatta cgttgttctg tttctaatta 2520
accttagcaa atgtacataa tgtcaaaacc caatagtatt tgacagtact tatgtataca 2580
atgtttgata agcat 2595

```

<210> 7855

<211> 1106

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (221)...(841)

<223> similar to gi309225 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7855
acggaagtgc aggaacattt cacaaatcta caatctgtga gtatcacatc ctgtatagct 60
gtaaacactg gaataaggaa gggctgatga ctttcagaag atgaaggtaa gtagaaaccg 120
ttgatgggac tgagaaacca gagttaaacc ctctttggag cttctgagga ctcagctgga 180
accaacgggc acagttggca acaccatcat gacatcacaa cctgttccca atgagaccat 240
catagtgtct ccatcaaagt tcatcaactt ctccaagca gagaaaccg aaccaccaa 300
ccaggggcag gatagcctga agaaacatct acacgcagaa atcaaagtta ttgggactat 360
ccagatcttg tgtggcatga tggattgag cttggggatc attttggcat ctgcttcctt 420
ctctccaaat tttacccaag tgacttctac actgttgaac tctgcttacc cattcatagg 480
accctttttt tttatcatct ctggctctct atcaatcgcc acagagaaaa ggtaaccaa 540
gcttttgggt catagcagcc tggttggaag cattctgagt gctctgtctg ccctgggtgg 600
tttcattatc ctgtctgtca aacaggccac cttaaactct gcctcactgc agtgtgagtt 660
ggacaaaaat aatataccaa caagaagtta tgtttcttac ttttatcatg attcacttta 720
taccacggac tgctatacag ccaaagccag tctggctgga actctctctc tgatgctgat 780
ttgactctg ctggaattct gcctagctgt gctcactgct gtgctgcggt ggaaacaggc 840
ttactctgac ttccctggga gtgtactttt cctgcctcac agttacattg gtaattctgg 900
catgtcctca aaaatgactc atgactgtgg atatgaagaa ctattgactt ctttaagaaaa 960
aagggagaaa tattaatcag aaagttgatt cttatgataa tatggaaaag ttaaccatta 1020
tagaaaagca aagcttgagt ttcctaaatg taagctttta aagtaatgaa cattaataaaa 1080
aaccatttat ttcactgtca tttaaa 1106

```

<210> 7856  
 <211> 1911  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (503)...(1520)  
 <223> similar to gi3688370 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7856  
 gttcgacgcc cgttgtaccg aaccggaatt cccgggtgcag accccgcgctc cggtttgagg 60  
 ctgagccgct gagaggctga gtggagttca ctcacatgga ttgaggccca gttcctggga 120  
 gaagagatgc tgggcaggaa ggtgtctgca tgtgggactc tgtacagccc ggtcctctcc 180  
 cacatctggg aggggccaga gtcagacaac tgctgggttc gtccctaaga gaggtcatct 240  
 gactggctgt tcagcctagg ctgcacacac cccacttttc ctctaccagg ccacaccgga 300  
 ggcagtgtct acacaggcaa gctaccaggc cacaacaacg acaccacctt cacctctggc 360  
 acctctgagc atccacgtac ttgcaagaac tcttgctcac atcagctaag agattgcacc 420  
 tgctgacctt gagattccgg cctgtgctcc tgtgtctgtg agcagggcaa ccagtagcac 480  
 catgtctgtg actggcggga agatggcacc gtccctcacc caggagatcc tcagccacct 540  
 gggcctggcc agcaagactg cagcgtgggg gaccctgggc accctcagga ccttcttgaa 600  
 cttcagcgtg gacaaggatg cgcagaggct actgagggcc attactggcc aaggcgtgga 660  
 ccgcagtgtc attgtggacg tgctgaccaa ccggagcaga gagcaaaggc agctcatctc 720  
 acgaaaactt caggagcgca cccaacagga cctgatgaag tctctacagg cagcactttc 780  
 cggcaacctg gagaggattg tgatggctct gctgcagccc acagcccagt ttgacgcccc 840  
 ggaattgagg acagctctga aggcctcaga ttctgtgtg gacgtggcca ttgaaattct 900  
 tgccactcga accccacccc agctgcagga gtgcctggca gtctacaaac acaatttcca 960  
 ggtggagggt gtggatggca tcacatctga gaccagtggc atcttgacag acctgctgtt 1020  
 ggccctggcc aagggggggc gtgacagcta ctctggaatc attgactata atctggcaga 1080  
 acaagatgtc caggccctgc agcgggcaga aggacctagc agagaggaaa catgggtccc 1140  
 agtcttcacc cagcgaatc ctgaacacct catccgagt tttgatcagt accagcggag 1200  
 cactgggcaa gagctggagg aggtgtcca gaaccgttct catggagatg ctcaggtggc 1260  
 tctgctcggc ctagcttcgg tgatcaagaa cacaccgctg tactttgctg acaaacttca 1320  
 tcaagccctc caggaaactg agcccaatta ccaagtctg attcgcatcc ttatctctcg 1380  
 atgtgagact gaccttctga gtatcagagc tgagttcagg aagaaatttg ggaagtcct 1440  
 ctactcttct ctccaggatg cagtgaagg ggattgccag tcagccctcc tggccttggt 1500  
 cagggtgaa gacatgtgag acttccctgc cccacccac atgacatccg aggatctgag 1560  
 atttccgtgt ttggctgaac ctgggagacc agctgggcct ccaagtagga taaccctca 1620  
 ctgagacca cattctctag cttcttggtt aggttgaac tgtttcttta aaatccctta 1680  
 attttcccat ctcaaaatta tatctgtacc tgggtcatcc agctccttct tgggtgtggg 1740  
 gaaatgagtt ttctttgata gtttctgcct cactcatccc tcctgtaccc tggccagaac 1800  
 atctcactga tactcgaatt cttttggcaa acttcgctgt tgtttgtgtt ccctgattga 1860  
 aggttgggtg gagcaggaca tggaccggac gaattcgtct acccggaat t 1911

<210> 7857  
 <211> 2009  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (308)...(751)  
 <223> similar to gi4583307 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

004837.01200

```

<400> 7857
gtggggaatt ctggcggttc atgtttgcag gccggaagag aaatgttctt ttttgatttt    60
taaaaaggaa gcctccggcc ctatggtttt ctgggggttg agtggatgtg tgtgctgggg    120
gaggcggaga cgtcccgcctc caggcagggc cttgggtctt aatagggtgg gaaatctctg    180
ccaaatagga ggcctctcgg agcctcagtt tccccatctg cagactgggc tctgacttct    240
tctggcatga gaggggtgtg gagagtaaaa ggaggcagct agccccgtgc cgggagacac    300
gtcagccatg tcatctgagc ctccccacc accacagccc cccacccatc aagcttcagt    360
cggtctgctg gacacccctc ggagccgtga gcgctcacca tcccctctgc ggggcaacgt    420
ggtcccaagc ccactgccca ctgcgccgac gaggaccttc tcggcgacgg tgcgggcttc    480
acagggcccc gtctacaaag gagtctgcaa atgcttctgc cgggtccaagg gccatggctt    540
cattacccca gctgatggcg gccccgacat cttcctgcac atctctgatg tggaagggga    600
gtatgtccca gtggaaggcg acgaggtcac ctataaaatg tgctccatcc cacccaagaa    660
tgagaagctg caggccgtgg aggtcgtcat cactcacctg gcaccaggca ccaagcatga    720
gacctggtct ggacatgtca tcagctccta ggagatggtg gaagcacccc ttgtcctgtg    780
cttgtgggag actttgcggg gaggaggcag cagacactgg agatgacatt cttccacacg    840
agacggggct tcagccgggc atggtccctc tcaagtatct cctggaggaa ggggtatggg    900
gggcaggtgt ggggtgtggg gtgttcccgg ccacagcac agcctatgac cattgcaaca    960
acctctcacc atctgaagag cattaanaag atttaanaag gagagggtgc cactggtggc   1020
tgagtggagg ttccaacccc atcccaggga gtggatcaag ggtggtatatt ctccagctgc   1080
tcagacacat gggctcaacc cacagaatcc ctcttccctc tggagctgga ggccccagat   1140
tcccagatct ggccccctgg cagcctgaca gggaccttgc gtgacttctc caaggcaaatt   1200
ttccacctaa gtgccccttg cgctctcctt ggggcctggg caaagcagtt ttctaattct   1260
tggtcttggtt ggttctaggg gagctggctt gaagtggggg gggaaaggcg ggggtggcgg   1320
tctttggatt ggacggatgt tgccttttgg tgcctttgca gtgggaggcg gcatagctgc   1380
ctgtctgggg aagacagttc tcccagcact cccaccctg ggcacagcag gctggtactg   1440
ggaggctgaa cccctcttag agcctgacct tttcatctgc cttctggttg tgtgaccatc   1500
actcaacagc catttcacag cccctgtaat tatggcgggc gggggctggg gtggtggtgg   1560
tggaaggggc ttgtggagag gacacagtct ttgtttaaaa actttgtccc gatccatcca   1620
gaaaagagta ggtagcttgc atcctgacag cctggcaaaag tcaagaaagt tgaaggagaa   1680
acataccttt ggagaggggg ttttctttta aactagtgtt aagaaatgct tagggatttt   1740
ttttttctta ttttctataa ctaaaagctt caccagagc cggctctgtt tgcactttgc   1800
tgccgacatt gcaaactttt tggcagggg ggagactgag tctcattctg tcaccaggc   1860
tggagtgcag tggcccgatc tcagctttac tgcaacctct tgccctccag gggtctgggc   1920
aattccgcct cagtctcctg gagtaggctg gggattacag ggcctgcgcc accacacccg   1980
gttaattttt gtatttttag taggagaca                                2009

```

<210> 7858  
 <211> 2795  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (396)...(947)

<223> similar to gi474827 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7858

ggtagggagg	ccgactgagc	aggagtcgtc	cgcttatagt	ggaggctgct	aggagccggt	60
cagaggggtga	gtgggggagca	ggcgagcgag	ccacagcagg	caggagggag	cgtcgcgcgg	120
cgcagaggag	cgccggggca	gggcccgggc	ggaaccacag	ccggagaggg	gcagcccagag	180
ccgggcccgg	caggggtcccc	acccccaccc	cgccggacag	tgcccgggtgt	tcccccggtgc	240
ggggggggcgg	cggcggcggc	tgacgggacc	gtcgggaccg	cggggggtgtt	gccacctcca	300
ccgaggagcc	ggcgcgccg	cgggctcctc	agagccgggg	ccccggggccc	gtgagtcaga	360
cgggcccagg	aagggagaga	ggcggtggcg	acaccatgtc	atctcccagt	ccgggcaaga	420
ggcggtgga	cacggacgtg	gtcaagctca	tcgagagtaa	acatgagggtt	acgatcctgg	480
gaggacttaa	tgaatttgta	gtgaagtttt	atggaccaca	aggaacacca	tatgaaggcg	540
gagtatgga	agtttagagt	gacctacctg	ataaataccc	tttcaaactct	ccatctatag	600
gattcatgaa	taaaattttt	catcccaaca	ttgatgaagc	gtcaggaact	gtgtgtctag	660
atgtaattaa	tcaaacttgg	acagctctct	atgatcttac	caatatatatt	gagtccttcc	720
tgcctcagtt	attggcctat	cctaacccca	tagatcctct	caatgggtgac	gctgcagcca	780
tgtacctcca	ccgaccagaa	gaatacaagc	agaaaattaa	agagtacatc	cagaaatacg	840
ccacggagga	ggcgctgaaa	gaacaggaag	agggtagccg	ggacagctca	tcggagagct	900
ctatgtctga	cttttccgaa	gatgaggccc	aggatatgga	gttgtagtag	aaaaagcacc	960
tgcttttcag	aaagactatt	atttccctaac	catgagaagc	agactataat	attcatattt	1020
aaacaaagca	attttttttt	ttactaaaca	aggtttttat	gaataatagc	attgatatat	1080
atatattata	tatcaccctt	tagatcttga	tttcttggtc	atttctcaac	ctgagggtgca	1140
tagcatattc	ccacattcca	tttgtagca	atatgcggtc	tgaatgcatg	cattcatgag	1200
tccatgtggc	caagtcagcc	tgtgtgctac	tgaactgtcg	aaggaaatag	ccgctctgat	1260
aggtagatgt	gagtaaaaag	aacaggaaaa	aattgcttct	tttattgggt	tccaaagaaa	1320
caaaccaaaac	caaccagctc	ttggatgtga	agataaaaata	gtgctttttt	gaaatggaga	1380
ggaaaaactt	ggggaggaag	aggcctgctg	tgggggcac	ggagccagcc	atgtaagaat	1440
cagagctgct	ccttcctgtg	aatcctaggt	ggccctatgt	cttctgtgga	gttacagtat	1500
aaagcaggga	gctaattaag	agtattaaaa	cttaaaacca	ttttttgact	ctgattttta	1560
gtacattttt	atatgtcagt	tgctgccctt	cacactacca	ggccctgcag	ccacagtgtt	1620
ctgttgagga	aacttgggga	agtgttttct	gaaccagttc	tttttcttgg	ggtagagcgt	1680
gaaatccaga	cctgtttttg	aaaggacagc	acaggaggag	aaaagtgact	gggacgatgc	1740
ttcctctcat	ccaaaacaca	tgcagagtca	catcctcatc	ctagtgtttg	gcagtttgag	1800
accgctaccc	tgaacttaag	agctttaaat	atgagggttg	tgttttctgg	gggggggttat	1860
ttttttgggt	gtgtgtgtgt	gtgtattgtg	ccttagaaaa	ggtttgacga	attcatcttc	1920
acctaccaag	agcagacggc	cgctcctttg	gcccaggccg	ctcatgggac	cattagactt	1980
gagaagacga	cccacgtggt	gactgcaaag	ccctgggtac	ttgccttcat	gttctgggtt	2040
ggttttccct	ttttctgctg	ctcttggcag	cagcctggtc	atcatctgct	tgtgggagtg	2100
ggaaatgggt	attttagacc	caacacaggt	tctaaattta	aaacaaataa	taattggaac	2160
aaataaaggt	tcttgtaccc	agagtgattc	tacatgggaa	aaacaaacca	gcttttttca	2220
gagagtgacc	gaataggaag	aagggtattca	gaaatatgat	gtagtagaac	atgccctgca	2280
ggaagaaaat	gttttctctc	ctgcgtatgt	taagaggaaa	tcagtttaaa	atgcctgcta	2340
atcaaagtgc	gactcagcta	accatatgtc	caggttgctg	cagagtttct	ttcaaactctg	2400
agtgttgcc	gctgaactcg	gaggggagtt	tggagaaatt	ttagacagca	gctctgtggt	2460
ctttttttgc	cgcagccaat	aagataatag	cagaattagc	caatcctaaa	accttctaaa	2520
gacgattttt	gagcatccca	ctgggattat	tttaatttttc	tttttgacgt	gtgttttttag	2580
tttagaagtg	ctgtattcca	caaggtttaa	gtcagtgagg	ttggaagata	ccctatcttt	2640
tttattcaaa	aagcacaatc	aatcttttgt	ttgaaaatct	atataaagta	caacttgctt	2700
ttagcatgat	tattttccta	aataaaaaga	caaagaattt	acttacttta	tgtaatttac	2760
gggcatgaag	caaaaaggtt	tctttaaaaa	aaaaa			2795

00403725 "013100

<210> 7859  
 <211> 3566  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (3087)...(1606)  
 <223> similar to gi5901651 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7859  
 tttttttttt ttagcactga tggctttttat tgcagattcg tgtcattaca aggataatct 60  
 gggaatatat ttttaaaaaa accctgcctt ttatatacac aaaacatgct acatggtaca 120  
 ctttgtgaga aatgctgagg taataggcac acaccagac atggacagta ccaaacatcc 180  
 aacatctcac acagcctggc ccacgtgccc accggaagg gtctcacctt cttgactcat 240  
 cccttgcccc ttcttggcaa tagtcccggg agtgctgagg ctgacacttg gtggccaaca 300  
 ggactcagaa agccaccatg ctgcagtgca tcaaccaagg ggtccggtga cccctgatta 360  
 ttcaactcct gagaagtggc ctgttttcat ttttgtggca cttgtttctc agggaagtgt 420  
 agtttgagaa tgagatgcgg actctagtca gcctgagagc gtggaatctc tggctctgtag 480  
 ccatctgggg gctctgatga tctgatgact tctgttctga gataattctc ctggccagat 540  
 aggttattat ttgtgtgaag actcaaatga cctgtagggt aaagtatgaa tgggaagatac 600  
 aaaactgcca gtacattatc tatacggccg gtggagcttt tggcctggcc ttcccttccc 660  
 aaccagaaac ctggagcccg gagtgtttcc tactcagaag ctgaggaatc tgccttgaa 720  
 agaaggggct gtgcgacaga aaaggcaagg agtaggtagg cgaggagtac agcagagcgg 780  
 aaagggggcc ttgaactgca gtgagtggcc agggactgac acacagaagg cacttaatga 840  
 atggtgtcaa atgaagggat aagtgggtga tggatggtga aaagtcctga gaatggggaa 900  
 aagtatgaaa atgtgggggg agggattttg aaatttgatt aggtgccaaa aggggttctt 960  
 aagaagctgg gaacctctat gtgagagatt agcattgtag acattctgga agaattccagg 1020  
 cacacagatg ccaagggtga tcttttcagt tgagaccaca cagtctgtga tctaccctta 1080  
 gactcaagta atacaacact aatgaaatgc ttttctccta agagcaaagc tgctggtgac 1140  
 agcttcaaca tctgagaact gaatatatgt gtatttaggt atctaaggca aacctatata 1200  
 tggatctaga tatatcacat gtgatgtata tctaaatgca tatatatgtg gtatacacat 1260  
 acgtgcacaa gggaggctca tacacatgta tattatgaag gtactttgca gttgtgtttt 1320  
 tattgtagag acttaattta tttaaagaaa gagttgtctg tagtctgtc ctgtcctgga 1380  
 gacatgaggg gctgtctggt gtgaaggaaa gtaggaggtg cagaaaacac cgtatcgatt 1440  
 cagttccatc atccgctgca gtgacttcgg aaaacagaat ccagcattcc cggctcctcc 1500  
 agcctcagga tgaactgagt gaggagtgtg tctttgtgct gtggccagcg tgaccagggt 1560  
 gggctcctgg caatggccac gagaggtcag gagggggagc tggcttagtg gaaggtgttg 1620  
 gggttcggtc ggatcatcat caccactttc ttgagttagt aagagcctcc tcggaactca 1680  
 gcccagtaga ctccgtcctg gtagcggctc cggtaatggc ccccgcggtg ccagaccccg 1740  
 ttgaggttgg agtgggcaca ggcgttatac caccagcctc ccttctggtg gtgggcacag 1800  
 tttcctgtgt agacatcatg atctctgtcc aggggtgtga actgcttgcc gttgtgccat 1860  
 gtaaaggagt caccgcgcat gccatggtag cgcgccagcc gcagcttata atactcgctc 1920  
 tcaggttcca ggcggaaact ggcgtattct gcaaagactt tgcggccgga ccagtcctcc 1980  
 atggtcacca ggagtttgta gttgccttgg ttcgtcagcc agtaaagtgt ctccaggccc 2040  
 agccagtatt cgccatcaat gttcccaaac ccttgcttgt acgtctccca gttcctgaag 2100  
 aagttaacag agccatccag gcgtctctgg atgacggtcc agcccccggt gtcgtgtctc 2160  
 tggctgcacc acacctgcat gaggcggttg gtgttttccg gcttcaccag gtagatggag 2220  
 ctggtgtcgt ggccatcctc cagggcctgc aggcagtctc tccatggggc cgacggcttg 2280  
 tcggtggaag atgggaggct ggtgagagtg ggcatagtgg gcagaggggg tggcagcacc 2340  
 ttcaggttct ggtcactctg gatctcggtg gtagagatct ggttgatgat gcggtttag 2400

```

gtgggtggtt ggtagacccg gggcggggca gcggggggtg gctgggggac gggcctggcc 2460
gagggcacc cctggcagtg ctccctcaagc tgcgcgatga tctctgattg gttgtgggcc 2520
agtgtggcca ggtgctggta cttgtgctcc aggtccttgt acttgctggc cagctgcagc 2580
atgtcggctg tctggttcag gatcctgttc tccagctggg agagctccaa cgcgttgtcc 2640
cgcttgcgga tgatctcgtg caggagctgc atgtagagct gcgtgacccg cgagttcatg 2700
ttgcggctct ccttgccgag cagcttcacc tcgctcacia tgccgccgtc cacctccacc 2760
agctgctgca gcgtctcgat ctgccgcttc tgcttgagca gctcattgtt gagcagctct 2820
agctcctgct tatgcaactc gttctccaga agcacctcag gtccttgga gttgacgcag 2880
atggcaccgc tgaccgcgtg ctggggcaca atgaaggtgt aggtgcactt gtcctgggac 2940
tcgccgcgcc gcttgtagct gtttaggtaa atgaactctc ttggcgagcc ctccctcagt 3000
ccctcaaaac cgtcctcctg gcctgcaaca gctcccatgg cagccagcag tccgagccac 3060
cagcatgtca cgcacagtgg cctcatggtc cttgcaaaat ggtggttatt ctttgtgaat 3120
agaatctatg aaagcctctt ccctcctgct tggctccggg gcggtcctc acatgcttca 3180
ccctggccgt cagcggggca gcctgtccat ggctcctgga ggggttcctg agttgcaggc 3240
cgggtggtgc caagcagccc tgccctcactg ggctccactg gctctgcctc cacagagggc 3300
tccggcagag gctggggcca gggctggcca ggggtcctgc ggggctgctc acaaccttct 3360
ttccctcaca gtagcgtcag ccgctgcctc agtgccacgc tcggcaggtc cagggcttgg 3420
ggtccatcct caggccgtcc gcagcagcct catttgaact cccaactcct ttgtggagcc 3480
tttaccatgcc gccagaggaa actgtgagca cagcctgacc ctggttggct gcaggcgctt 3540
ctctccccga aatcgtcgac ccggga 3566

```

```

<210> 7860
<211> 1565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1566)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (648)...(1286)
<223> similar to gi868241 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7860
gattcgtaga ccctagtcca gagcgggtgga attcctgcac tctggcctgg gcaacagagc 60
gagactctgt ctcaaaaaaa gaagtcctgg cgcggtggct catgcctgta atcaaaacac 120
tttgggaggg cgaggcgggc agatcacctg aggttgggag ttcgacacca gcctgaccaa 180
catggagaaa gcctgtctgt actaaaaaca caaaaaatta gccaggcatg gtggcacatg 240
cctgtgatcc cagctatttg ggaggctgag gcaggagaat tgcttgaacc caggaggcgg 300
aggttgaggt gagctgagat cagccattg cgttccagcc tgggcaacaa gactgaaact 360
ctgcctaaag aaaaaaaaaa aaaggcagct aggaatagta aaaagaatat tggttttaga 420
actcactact ccacatcttg attcctgcac aatctcttat tagttgtgat ttttaacatc 480
tttgtgggtt ttttcacatt tttaaagtga agagatagca cgttcattgt agagatttgg 540
ggattagcaa taacacagtc aggtctctag cacatactat gtattcaatg attgggtggc 600
aatatttttc cttcacaaaa tttgggccta ctccactgga ctccctcaggg aagaaggaga 660
aagggccaac ccctgaagaa gcaatacaga aactgaagga gacagagaag atactgatca 720

```



```

agaaacagga atttttggag cagaagattc aacaggagct acaaacagcc aagaagtatg 780
ggaccaagaa taagagagct gccctacagg ctttgcggag gaagaaaaga ttcgaacagc 840
agctggcaca aactgacggg acattatcca ccctggagtt tcagcgtgag gccattgaga 900
atgccactac caatgcagaa gtccttcgta ccatggagct tgctgcccac agcatgaaga 960
aggcctacca ggacatggac attgacaagg tagatgaact gatgactgac atcacggaac 1020
aacaggaggt ggcccagcag atctcagatg ccatttctcg gcctatgggc tttggagatg 1080
atgtggatga ggatgaactg ctggaggagc tagaggagct ggagcaggag gaattggccc 1140
aggagtgtgt aaatgtgggc gacaaggaag aagaaccctc agtcaaattg cctagtgtac 1200
cttctactca tctgccggca gggccagctc ccaaagtgga tgaagatgaa gaagcactaa 1260
agcagttggc tgagtgggta tcctgatnaa aatctgggct tgccttcccta atgcctaccc 1320
tttgttggtc cctttccttc ccttaagtgc ccaagtgtcg agctaaagga ggataacttt 1380
ttggggaagt catgctgagg gtggtagtgt gaccctgcct gaacaaaagg gtctcttacc 1440
ctcccagccc tggctcaact ctgaagaagg atcttgctac agaaggagcc cttgggctcc 1500
cttctctttg atagcagtta taatgccctt gttcccaata aaactgggca gatggaaaaa 1560
aaaaa 1565

```

```

<210> 7861
<211> 2833
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2834)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2758)...(2085)
<223> similar to gi2570007 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7861
tttttttttg aggaattatc tacagaacac tgtttatttc aagtccaaaa cacaatttac 60
tcattttttc taacagaccg cataattttt actgcatgaa tatttagggg ttctctattc 120
acaagtacag tttattacta gacttttagg ttgaatgatt catatatata gatatcagtt 180
tactacagag gacatgtact tttaacattt tttgtttaga aaatatttta cataaaaaa 240
caaagcattt accaaccact cacaaccagt cttcagcaaa gatttggctg aagataactt 300
tctacaaaac actccaagac tgaatagaat gtagtatttt acatacttta gcttattgtt 360
gcagttaaaa gctccccctt gtttcatggc ttctgcatgt atctacaaag cagaagtctt 420
aactggtgac ctgttaaata acattgcctt tttaagtga cttgtcccca gcccggaacc 480
taagtagtca taatgaaata aagtaattga tatatgaggg gcttttagta agggcttttt 540
caaccttaata aaataataat ttagtatcta tcagtgcatt attcttttac tgttttgtgt 600
tcaataacca cctggagtgc taattgtcta gtataatcag ttggcatcaa aatagaaagt 660
aaaaagatgt acatttaata taccaattct tacctgaata atcttggaat tctggagaat 720
gttccacaaa gtggaatttc ttcctaaagt tatgctgaat gtggtacaat gtgtacaact 780
tggttaacca gtgctgtgct ttcatctcca agatttttcc ttatcttgaa tcaaatgcac 840
aatcttacaa ctgtatcata atgcactggc ttacagttct gtatataaag tccaactcaa 900
gcttattttg gtttatttga catgctttat taaaatggta cttgtattta cagtatctgc 960
agaaagagtc cttccaagg cctcacacat tcagacacat ccatactgac acccactcca 1020

```

cagcccatg	caccacacc	agtgagatgt	ggagggtcag	actcctaaaa	ttaggcagct	1080
gttggggata	agagttgatt	tgtttttcaa	tttttttgaa	aacagaaaag	catgggggaa	1140
tgcatTTggc	cattacaatg	ctaattgagt	ttgtgtatat	tacatatatg	gcagttaaca	1200
ctgtaatat	cctttttacat	tctatataca	cagaatgata	tcaaggTTTT	atgggtcaaca	1260
gaatattcca	acttcagtct	taatgctgct	tgtagtgtatt	tctgaattca	ttataggggc	1320
tttccctaaa	aataattcaa	gtctatgtta	agtgaataaa	ggcacaatta	atattgattt	1380
gatttaggga	aagggaagga	aagagaagg	ataaaaactg	gtttcaaatg	atcttttctgt	1440
tggggaacta	gctctgactt	aaaccacct	gaaattcctt	ctcctaattt	ccaaagattt	1500
ctttataaag	atatttttct	tttccctgac	aaagccaaaa	agaaaagt	gggaattcac	1560
atTTtaatgt	ttcagtagcc	tgaacaactc	aaattgatgt	gtacccccac	ctccccctgat	1620
caggctgcct	ccctcaccca	tgtaaata	aaaacacagt	atgtgacaca	ggagtccctt	1680
gatgtttctt	gaggagatct	gtacacttga	gtagcaaata	catatctggg	tgtcttcaat	1740
atattttaaa	aagaaagaaa	gagaaagaag	aaaggaaaga	aggaaaaaag	gaaggaaaga	1800
agtaatatg	tgactttctt	gctctttaa	aaaatccctg	tctccttctt	ttcaggatga	1860
tgaagcccca	ctagacatta	caaacaactg	caacaaatga	gtttggcagc	ataaataatg	1920
tctagttatt	caaactttca	tagtgagatt	aatttatctt	gtacacaatt	tgttgaatgt	1980
ttttcgcagc	aggtgaatca	aacccaaaga	ctccggacag	tctgtgaaag	ggagtaagaa	2040
ttgcagttct	gaaggccctt	gactttgggt	gtttacaaag	ttcaatcctg	tttattgtga	2100
tccttggtat	cttcttcac	tgtatatctt	gatggttctt	ctcctgggtt	taggagctctg	2160
cctacataat	catatttttc	tttaaactgc	atttccatt	ctcgaacact	ctccatttgt	2220
actgcattca	aatctgagag	atcatcatat	tcatctctaa	gtgcatcttt	atctaggcaa	2280
aatgtggcca	gtcctctgga	ggcatcccta	ccagcaaata	ttccatatgg	accgcgcggg	2340
ccgtagaact	tgctgccttt	ggtcacgtcg	aagactttcc	cattgaccgc	gagcaggatg	2400
cgcgggttg	gggagccgtc	gtactggcgc	agctgctcca	agctgaagtc	ccgcttcttc	2460
atgcgaggca	gagaggtggc	ggggtctctc	tcgcccgcgc	cggccccggc	ccccagacc	2520
cgcgcgcgc	agcgcaccca	cagccggtag	gccccagca	gcaccagagc	caccagcgcc	2580
acgttcagca	gcatttcccc	gcccccgctc	agaagcgcca	acgcgcgcgc	cgcgcgcct	2640
cccccttcg	ctgcgcctcc	cgcgtcgcct	ggactctcgc	tgccgcgcgc	gttgctgctc	2700
tcgctgccac	tccccagggt	gcctagcttc	acgtcccat	caccagcgc	catcacacga	2760
aatcgctcac	cgggattcc	ggtccggtag	tctgtgcgct	agctntcagt	atcaatntt	2820
cntgcggggg	ggg					2833

<210> 7862

<211> 2039

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (46)...(846)

<223> similar to gi5262520 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7862

cgcgggggaga	gtagggtgct	gtggtctgag	ctagaggggtg	aagctggcgg	agcaggagga	60
tgggcgagca	gtctgaatgc	cagaatggat	aaccgttttg	ctacagcatt	tgtaattgct	120
tgtgtgctta	gcctcatttc	caccatctac	atggcagcct	ccattggcac	agacttctgg	180
tatgaatatc	gaagtccagt	tcaagaaaat	tccagtgatt	tgaataaaaag	catctgggat	240
gaattcatta	gtgatgaggc	agatgaaaag	acttataatg	atgcactttt	tcgatacaat	300
ggcacagtgg	gattgtggag	acggtgtatc	accataccca	aaaacatgca	ttggtatagc	360

```

ccaccagaaa ggacagagtc atttgatgtg gtcacaaaat gtgtgagttt cacactaact 420
gagcagttca tggagaaatt tgttgatccc ggaaaccaca atagcgggat tgatctcctt 480
aggacctatc tttggcggtt ccagttcctt ttaccttttg tgagtttagg tttgatgtgc 540
tttggggctt tgatcggaact ttgtgcttgc atttgccgaa gcttataatcc caccattgccc 600
acggggcattc tccatctcct tgcaggtctg tgtacactgg gctcagtaag ttgttatgtt 660
gctggaattg aactactcca ccagaaacta gagctccctg acaatgtatc cgggtgaattt 720
ggatggtcct tctgcctggc ttgtgtctct gctcccttac agttcatggc ttctgctctc 780
ttcatctggg ctgctcacac caaccggaaa gagtacacct taatgaaggc atatcgtgtg 840
gcatgagcaa gaaactgcct gctttacaat tgccattttt atttttttaa aataataactg 900
atattttccc cacctctcaa ttgtttttaa tttttatttg tggatatacc attttattat 960
gaaaatctat tttatttata cacattcacc actaaataca cacttaatac cactaaaaatt 1020
tatgtggttt actttaagcg atgccatctt tcaaataaac taatctaggt ctagacagaa 1080
agaaatggat agagacttga cacaatttta tgaaagaaaa ttgggagtag gaatgtgacc 1140
gaaaacaagt tgtgctaatt tctgttagac ttttcagtaa aactaaagta actgtatctg 1200
ttcaactaaa aactctatat tagtttcttt gggaaacctc tcatcgtcaa aactttatgt 1260
tcactttgct gttgtagata gccagtcac cagcagtatt agtgctgttt tcaaagattt 1320
aagctctata aaattgggaa attatctaag atcattttcc ctaagcattg acacatagct 1380
tcatctgagg tgagatatgg cagctgtttg tatctgcact gtgtctgtct acaaaaagtg 1440
aaaaatacag tgtttacttg aaattttaac tttgtaactg caagaattcc agttcagccg 1500
ggcgaggatt agtattattt ttaactctcc gtaagatttt cagtaccacc aaattgtttt 1560
ggattttttt tctttcctct tcacatacca gggttattaa aagtgtgctt tctttttaca 1620
ttatattaca gttacaaggt aaaattcctc aactgctatt tatttattcc agcccagtac 1680
tataaagaac gtttcaccat aatgaccctc cagagctggg aaacctacca caagatctaa 1740
agttctggct gtccattaac ctccaactat ggtctttatt tcttggtgga atatgatgtg 1800
cctttccttg cctaaatccc ttctgtgtgt gtatcaacat tatttaatgt cttctaattc 1860
agtcattttt ttataagtat gtctataaac attgaacttt aaaaaactta tttatttatt 1920
ccactactgt agcaattgac agattaaaaa aatgtaactt cataatttct taccataacc 1980
tcaatgtctt ttttaaaaaa taaaattaaa aatgaaaaga gactcaattg taaaaaaaa 2039

```

```

<210> 7863
<211> 1829
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (409)...(1425)
<223> similar to gi5834595 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7863
aactgagacc cttgtaagtg cgctggaatt cggcgctgca ggtgtcgggg cctcaacctt 60
gcggagccga cagccatcga tcctcggttg gcctcgaggt ggtggcaggg ccgccccctg 120
cagtcgagag acgaacgcac ggaccggggc tccggaggca ggttcggctg gaaggaaccg 180
ctctcgcttc gtccacact tgcgcaaatg tctccgagct tactcacata gcatattggt 240
atatcaaaat gaaatgcaag gaacaaaaa taacataatt gaaggcagta aaagtgaat 300
taaataggaa gatcatcagt caaggaaagc ccactggaga ggacagaaaa tgaagcagtg 360
ttttatcatg tgtatttcag caggtcttct tgaaatttaa ctaaaaatat gactgctctc 420
tcttcagaga actgctcttt tcagtaccag ttacgtcaaa caaaccagcc cctagatggt 480
aactatctgc tattcttgat catacttggg aaaatattat taaatatcct tacactagga 540

```

atgagaagaa	aaaacacctg	tcaaaat	ttt	atggaatatt	tttgcatttc	actagcattc	600
gttgatcttt	tacttttggg	aaacatttcc	atttatattgt	atttcaggga	ttttgtactt		660
ttaagcatta	ggttcactaa	ataccacatc	tgcctattta	ctcaaattat	ttcctttact		720
tatggctttt	tgcattatcc	agttttcctg	acagcttgta	tagattattg	cctgaatttc		780
tctaaaacaa	ccaagctttc	atttaagtgt	caaaaattat	tttatttctt	tacagtaatt		840
ttaatttggg	tttcagtcct	tgccttatgtt	ttgggagacc	cagccatcta	ccaaagcctg		900
aaggcacaga	atgcttattc	tcgtcactgt	ccttttctatg	tcagcattca	gagttactgg		960
ctgtcatttt	tcatggtgat	gattttat	gtagctttca	taacctgttg	ggaagaagtt		1020
actactttgg	tacaggctat	caggataact	tcctatatga	atgaaactat	cttatatttt		1080
cctttttcat	cccactccag	ttatactgtg	agatctaaaa	aaatattctt	atccaagctc		1140
attgtctgtt	ttctcagtac	ctggttacca	tttgctactac	ttcaggtaat	cattgtttta		1200
cttaaagttc	agattccagc	atatattgag	atgaatattc	cctgggtata	ccttgtcaat		1260
agttttctca	ttgctacagt	gtattggttt	aattgtcaca	agcttaattt	aaaagacatt		1320
ggattaccctt	tggatccatt	tgtcaactgg	aagtgtctgt	tcattccact	tacaattcct		1380
aatcttgagc	aaattgaaaa	gcctatatca	ataatgattt	gttaatatta	ttaattaaaa		1440
gttacagctg	tcataagatc	ataattttat	gaacagaaag	aactcaggac	atattaaaaa		1500
ataaactgaa	ctaaaacaac	ttttgcccc	tgactgatag	catttcagaa	tgtgtctttt		1560
gaagggctat	gataaccagt	attaaatagt	gttttatttt	aaaaacaaaa	taattccaag		1620
aagtttttat	agttattcag	ggacactata	ttacaaatat	tactttgtta	ttaacacaaa		1680
aagtgataag	agttaacatt	tggctatact	gatgtttgtg	ttactcaaaa	aaactactgg		1740
atgcaaactg	ttatgtaaat	ctgagatttc	actgacaact	ttaagatatc	aacctaaaca		1800
tttttattaa	atgttcaaat	gtaagcaag					1829

<210> 7864

<211> 2783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (88)...(1140)

<223> similar to gi35518 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7864

cgaccacgc	gtccgccac	gcgtccgggc	ccagctgctg	agaggagttg	cctgagagtg	60
acctttgcat	ctgcctgtcc	agccagcatg	gaaccaaagc	ggatcagaga	gggctacctt	120
gtgaagaagg	ggagcgtgtt	caatacgtgg	aaacccatgt	gggttggtatt	gttagaagat	180
ggaattgaat	tctataagaa	gaaaagtgac	aacagcccca	aaggaatgat	cccgtgaaa	240
gggagcactc	tgactagccc	ttgtcaagac	tttggcaaaa	ggatgtttgt	gtttaagatc	300
actacgacca	aacagcagga	ccacttcctc	caggcagcct	tcctggagga	gagagatgcc	360
tgggttcggg	atatcaagaa	ggccattaaa	tgcattgaag	gaggccagaa	atttgccagg	420
aaatctacca	ggaggtccat	tcgactgcca	gaaaccattg	acttaggtgc	cttatatttg	480
tccatgaaag	acactgaaaa	aggaataaaa	gaactgaatc	tagagaagga	caagaagatt	540
tttaatcact	gcttcacagg	taactgcgtc	attgattggc	tggatatcaa	ccagtctgtt	600
aggaatcgcc	aggaaggcct	catgattgct	tcacgcctgc	tcaatgaggg	gtatctgcag	660
cctgctggag	acatgtccaa	gagtgcagt	gatggaactg	ctgaaaacc	tttctggac	720
aacctgatg	ccttctacta	ctttccagac	agtgggttct	tctgtgaaga	gaattccagt	780
gatgatgatg	tgattctgaa	agaagaattc	agaggggtca	ttatcaagca	gggatgttta	840
ctgaagcagg	ggcatagaag	gaaaaactgg	aaagtgagga	agttcatctt	gagagaagac	900

```

cctgcctacc tgcactacta tgaccctgct ggggcagaag atccccctggg agcaattcac 960
ttgagaggct gtgtggtgac ttcagtggag agcaactcaa atggcaggaa gagtgaggaa 1020
gagaaccttt ttgagatcat cacagcagat gaagtgcact atttcttgca agcagccacc 1080
cccaaggagc gcacagagtg gatcaaagcc atccagatgg cctcccgaac tgggaagtaa 1140
agagactcct gcatttctcc tccccctctg agggaagccc atggacaagc tcagtccagg 1200
acctgtccac ttctgtgaca aatcaacggg aaacagccca ggggtgggaa gttttcattt 1260
gcaggggggt ctgaatgtaa ctcaccatgt ggtgtgcaag gttccccctgc attgtattgc 1320
tactgcagc ccctctgccc ctatccatga cccccaagca gatatacaa gctgtgcagc 1380
ctcagtaggc tgcttgccct ctccaggcct cagggcctct tctggaaaat gaagaaattc 1440
aactagtaga ttcttgaggt ctccccagct taaaaaaaaa aaatctgccc cgtgattcta 1500
acactcgag tagtgatagt gtatctagtt gttctgctgg tgtccttctt tggctaagtc 1560
ttggccttca gttatcttca aatgtaccag aacctgagcc aacgcctccc tgtgaaactg 1620
ttgctgatct gtagtagagt accaggaaga aacctctttt gttctcttta gacatcttct 1680
acttgctctt ggccttgaga tcgtgtaaca aaatgaagga gggctctctt ctttcttctt 1740
catcctactc aaaaacttcc cgagagcagt ggtggttttg agggttttga cttctattac 1800
ttttggcagc ctggaaggtt gtgtcttctg ggaaagagac ccggggaggc caggagtagc 1860
tgagggtcct ttctgtgccc ttaaaccgcc cagaggagcc ctattccact ctgggttttag 1920
gctgatctga gaggggtctcc ctttgttctt ttctggagca tttctctaac gttttattaca 1980
attaggaggg ggaccccaca tctgtgagat tctgtttcat ttgaggttta cagaaaaaaaa 2040
aagtggccag atgtgttccc cccatgggtg agaggcctgg gcaactgcct ggtgaatgtg 2100
tctcgcgga gctgcagcaa gtggaggggc tgaactactg gccagctcac tggatgatgg 2160
gttaatacaa caactgcact gtaaggactc agagccacac agaacttctg agaggggctg 2220
ttagcattgc gcagcatctt cagttctcca gtaaatgata ttgcgttcgt gcctcagctt 2280
taagcacaag tagcagcagc tcctgcttga gttctgaggg catcatggcc ctatgattaa 2340
ccagagtgat ctaacctaga ctaaaattgg gaacttattt gcaatttttg accctgacca 2400
ctaactagt atttcttccc aaaattgaga aagacagcac ccattgaaac agatatgtgt 2460
gtgaaagtat atttttcaat tccagatttt taattttaag gctccaggaa agaaaggaga 2520
gtagaacatt tttcctcatt ttatcaaata ctctcttgcc ctccctcaat tcccctgtaa 2580
cattcctgaa gctgttccca ctcccagatg gttttatcaa tagcctagag gtaaagaact 2640
gtctttttct ctgattcttt aataaattat ctttatagaa tatgcacaag tttttctaca 2700
ctcagtgtta aagtatttat taatgggaag tcaacttaat gttttgaaat aaatatatga 2760
ctctgtttta tgcaaaaaaaaa aaa 2783

```

<210> 7865  
 <211> 1756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (140)...(663)  
 <223> similar to gi62701 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7865
caccgcacc cgtccccgcc gccctccggg actgggtgcg gcggtaggga aggccggggc 60
caggagtact tccaccccg cggggggccag cccggccgct gcctaccagg ccgaccccc 120
tctctctgca catactccgg ctccgcccgc acctcccccc tgcggcgagg ttgcctgtca 180
cggggagccc gcgaagtttt acggatacga taacttacag agacagccga tttttacgac 240
ccagcaagag gccgagctgg tacaatatcc tgactgtaaa tcgtccagtg gtaatatagg 300

```

cgaggaccca	gaccacttaa	atcagagctc	gtctccttct	caaatgtttc	cgtggatgag	360
accacaagca	gtccttggtg	gacgaagagg	aagacaaacc	tacagtcgct	tccaaactct	420
agagttggaa	aaggaatttc	tttttaaccc	ctatctgacc	aggaaaaagaa	gaatcgaggt	480
ttcccacgcc	ctagccctca	ccgagagaca	ggtaaaaaatc	tgttccaga	acaggagaat	540
gaaatggaaa	aaggaaaaa	acaaggacaa	atctccggtt	tccggcgagg	aggtgaagga	600
cggggaaacg	aaaaaggaag	ccaagagct	ggaggaagac	agagccgaag	gcctgacaaa	660
ttaaacttcta	cctttaaaat	ttaccacaga	ctattaaaac	taataatcac	catatgctgt	720
ggaccacc	tattttcttt	gttggaaagg	accttacctg	tgtttcaagc	tacctcatg	780
tcactgctct	tgaggttttc	tgtgctttga	gagggatttg	ggtgtttaaa	aaagtttcta	840
gtatcacata	gaagctgtcc	ttgagctgtc	ctatggaagg	gtaatttgat	actgaccttg	900
tagctatat	tttataatgg	tttttaatgt	ctgagctagt	gatttgctc	aacaacgtaa	960
acttccta	gattagcact	taataattgc	atataaaatg	ccttattaat	taaacaagt	1020
cacttgaaca	ttttaatatt	tgtggtgagt	aaattaaaag	gagtttatta	attaaaaaaa	1080
attatgtctg	cagaatactt	tatattattt	gattacaatg	tattatttat	ggatttttta	1140
ttctttcctt	tataatgaat	agttcgggtg	cgttttgttt	actcctaata	ggtttctttg	1200
cgtattttct	aaatgtaata	tctcggggaa	aatattagaa	aagcacgtat	tagctgaaga	1260
atgtaacttg	tagtccagct	ctgcagcttc	cttaaactta	agaaaaagat	tgggccagt	1320
acaagaattt	aaagacaatg	tccaagttga	caattatttt	tctatagctc	atacaaat	1380
aataatctgg	caactctggc	aaatcgcttg	gtaaaaatgcg	tctcattttt	taacttgctt	1440
tcgttttgaa	ccgcccttgt	aatcgctagt	tctttatg	gtggctg	ccg	1500
ctgtgttcg	ttattttcag	taggtgtcat	atttatttgt	attgccttg	ttctgttcg	1560
cgctggtttt	aaaccagctt	gctgtgtgca	tctcagacgt	cggttggtac	gtcctccgct	1620
gttcttcagg	aaagcgatag	cctcacctat	ttgaacaag	ccctgagagg	aaacgcagaa	1680
aaacctgagt	gtaaaaca	act	gctagctcct	tagtaaata	atgaatctct	1740
ttctgqaaaa	aaaaaa					1756

<210> 7866

<211> 2632

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$ 

<221> misc feature

 $\langle 222 \rangle \quad (244\bar{3}) \dots (219)$ 

<223> similar to gi3123574 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400>	7866						
tttttttttt	ttcatgaaaa	tatagtcatc	aaatttattt	tcattgggat	gccatttttt		60
gaagaattcc	taagactaat	gtttcttgac	atgcaagagt	tagcattaat	agcttacggt		120
actataaata	ctgctgcttg	gaagcagtac	aactgtttta	gagttttaag	actacagact		180
ttcattactc	aaatcttatt	cagtaaattgt	aaaaatcaga	aggttctgaa	cagctgggta		240
ggaaggtagc	caagatgcag	gaaagatgtc	tgcgcctcct	tttcaagggc	agccaactct		300
tgaacagtag	gtgccaaaat	atccacatgg	cctttatagc	ttccaccacc	agcagccctt		360
ttctgaccgt	aggtaacttt	cccatcaaat	tcattccatg	gtacctttat	atccggetca		420
acctgagaaa	tggtacagtt	caggtgtttct	tctatctcag	atagtaactg	catctcgttg		480
taccatatgg	tacagcctcc	attctccttg	agtcttggtg	tataacaccc	ttttccacgg		540
ctgtcataca	catggtacca	aaccttttct	ttttctggtg	ccaccagggg	aattgccaga		600
cccatccttt	cagctctttc	tactctgcca	attcgatgta	cgtagttttg	cttttcatcg		660
ggcagagtga	cattttataac	ataaggaaca	ccgtggatat	caattcctct	agcagctaca		720

tctgtgcaaa	tcaagaatct	tacatctcct	ttcttaaate	tttccaagtt	ttgctttctc	780
tcatgaggct	ttctgtcacc	atgaagacaa	acacatgaga	actggtgtcc	ttttttatca	840
ggctcctcct	cttggtgtat	aaagtactgc	tccaagttat	cacagtcaat	tttggttcta	900
cagaagataa	ttgcttgatc	catcttatgt	tccttgattg	cccgacagc	atactcccct	960
ttcaggattt	taatagcttc	agaccacatc	tctggactat	tagcaccagg	tcttgtgtta	1020
tcttttgcac	gtacatcatc	agttctaata	tggctctttc	caagcctttc	ccagagtctg	1080
tcagttttgg	gatttactgg	gacaacaaca	tgggtgtacag	tatctggaac	agagtcttct	1140
ccttttaagt	caacccatgt	aggaaaatgc	attatcttct	cggacagttt	ctttacatcg	1200
aaagaatgca	aagtggcaga	gcaaacatc	acctgaagtc	tttttccatc	agaggtaacc	1260
tgaggaaatc	gattgtgcat	cctattttata	aaatcagaat	aaccttgaga	aagaagccca	1320
tcagcttcat	ccaggaccag	gaatctaata	tgagataagt	tcagctttcc	agttgacacc	1380
aagtcatcta	gtcttcccgg	agtaccta	actatatcta	ctccattttc	caaaacagag	1440
agctgatccc	gggtgcaac	acctccaatt	atcagaagct	cccttaattt	aggattatca	1500
atgtatttct	taaactgctt	gatgttggtc	aaagtttggt	cagctaactc	ccgggaaggt	1560
tcaacaatga	gagctttcgg	agcattgggg	agaaactttg	tttgtgtcac	ctgtgcatta	1620
cctgagtgtc	gtgatttgac	aatgtaacca	tccggtgcct	tggaaagagc	aacaaagcca	1680
tcttttgggt	gaaacttaaa	ttcctcttca	ccgaagttaa	atttcagttc	agcattcttc	1740
aaaacacagg	caggaaagag	ggcttggttt	ttcatatgtg	gtggtatttc	aaatgccaga	1800
ccaagatctt	ttccattttt	ggagaacttg	acatgtccct	tatctatatc	caggtaacat	1860
ccaatggtat	catgcatagt	gaattcctct	ccataattat	caaattgttt	gttatgggat	1920
ttctttcctg	ttccaccaaa	gcaaaatcca	aacttgtcag	tacctaggtc	caaagaggcc	1980
tgcatggtag	accacccgac	cctgcataac	ccttggtcat	gacaggatac	ttcatagtag	2040
tgtttccctt	tcattaatcc	tttagtagct	ctacacccat	gccattcctt	tacttctctg	2100
ctttgacaac	aaagaccatc	tgaccaaat	gcaaaagcag	atcctctgtc	atatgggttc	2160
atctgccatt	tgttcagcac	tgaagcacca	gttttaattg	ttgtttttcc	ttttttgcct	2220
tcctgttggt	ctttcagagt	ttcataaaact	atctggataa	ctggaataact	aaaagcacca	2280
gttttgccac	ttcctgtttc	tgagccata	agtacatcac	ctcctcctaa	gatcaatggg	2340
atagattcag	cctggatatc	agttggagg	agccaatcca	tctcttccac	agcttgtgca	2400
atctcaggca	ttacacccat	ctcggagaag	gccgccatct	tcaccccgct	ctccgaggct	2460
tcgcctgtct	gtccctctcc	tcccgaactga	cacggcggtg	cagtggcggc	gcgcgcttcc	2520
ggccccctgt	cttcggcggt	cggagtcagg	gcagggactc	agccccggga	gaacgggtcc	2580
gatggaagga	aaggccccgc	ccggccccgc	cttatgcgcc	tgccgcacga	aa	2632

<210> 7867

<211> 1103

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (147)...(644)

<223> similar to gi5737757 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7867

gcgggtggaat	tcggttcaac	ttcaacatgg	ccgaagcaag	tagcgccaat	ctaggcagcg	60
gctgtgagga	aaaaaggcat	gaggggtcgt	cttcggaatc	tgtgccaccc	ggcactacca	120
tttcgagggt	gaagctcctc	gacaccatgg	tggacacttt	tcttcagaag	ctggctcgccg	180
ccggcagcta	ccagagattc	actgactgct	ataagtgtt	ctaccagttg	cagcctgcga	240
tgacacagca	aatctatgac	aagtttatag	ctcagttgca	gacatctatc	cgggaggaaa	300

tctctgacat	caaagaggag	gggaacctag	aagctgtctt	gaatgccttg	gataaaattg	360
tggagaagg	caaagtccgc	aaagagccag	cctggcgccc	cagcgggatc	ccagagaagg	420
atctgcacag	tgttatggca	ccctacttcc	tgcagcaacg	ggacaccctg	cggcgccatg	480
tgcagaaaca	ggaggccgag	aaccagcagc	tggcagatgc	cgtcctggca	gggcggaggc	540
agggtggagga	gctgcagcta	caggtccagg	cccagcagca	ggcctggcag	gctctacaca	600
gagaacagag	ggagctgggt	gctgtgctga	gggagcctga	gtgaggagac	cggccagccc	660
cagaagcaga	gggcagtcaa	ggtcaagagc	ctgtgggtcca	gcatgcctgg	cctgggcggg	720
ctaccctctg	agaacggcct	gaaatggtgc	ccagtcctac	agcagtgatg	gaatttgctg	780
gaggacttag	gccagagcaa	gcctcactgc	cacttgtgcc	tttggggcac	ccttgggggt	840
tgggaaatac	accccttcta	agattcctct	gtttcttcta	cctggataat	tcttggccat	900
gttctctctt	ctctaggttc	aggtcagctc	tgcctctccg	cccacaccgc	gtgtgggttc	960
ccagcccttt	tccctggccc	tggcttgagg	aatctgtttt	caatctccac	tgattgcccc	1020
cttgctggac	acaccagggg	gcctttacca	tgttctctcc	acatccgtaa	ataaaacttc	1080
ttcactacac	tgtaaaaaaa	aaa				1103

<210> 7868

<211> 1761

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1642)...(952)

<223> similar to gi3335184 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7868

ctcctaagga	actcattgtc	tatagccctt	agccttgtgg	tttaggcaag	aggccaggtc	60
agggtgcccta	gagtgaggca	ggggcttcag	ccaaagtgtg	gatcgagct	tctgaggcag	120
ttcctcagtg	gagtcagagt	ccgctgccac	ctgagctttc	caccagatct	tctttccttt	180
ccttgtgctt	tctcaagct	gcaggcttga	tcccagccca	caaatatgag	agaattctgg	240
aaagtgcctt	gagaaatggg	ttctgggttt	ttttttcatt	tttatttttt	taaatgtccc	300
aggctgcctt	cctgtcctcc	catcctgcat	cctgctttct	gttccttgga	taccgtagga	360
tggttttatt	tcagttcatg	cacaaattag	tctggacact	gtggagtcac	aacaagagtg	420
ggatggaggt	tccagggcca	atcagtttct	ttggagggaa	gcttgagaag	taggttagag	480
caatgcccac	aaaagccact	gcttctcctt	cccatcccca	gcaatgagct	aagagccaac	540
ctcagccaga	gagagggtct	ttgatcacag	agggtcagtc	agtgggatgt	gattagtggg	600
gtttggggga	tgggagtccc	agggttaaac	cagagggcaa	agggatcctc	tgagtcttgg	660
cttaagggaa	tggggtttca	agttgagggt	tggggactta	gggcagggga	gcagcaaggt	720
gaggaaaaca	gaaaggctgg	catggcgagc	atccttggca	attcaacctg	catgctgtta	780
cactagcccc	catttctgcc	tttgctcaat	ccaatggcca	aagtcagctc	atcctcagca	840
gcaccttctg	acacgatcca	gtggtagtgt	ccctcacctg	tggccctcgg	ggtgctgtcc	900
actgtttttc	acagaccag	ccacccccca	gctctggccc	ctgggttctc	acacataccc	960
tgtcaggctg	taggaattga	actcactctt	gactttggga	ggttgaccag	gccttgagga	1020
gctccttgtg	gcaagaggtt	gggcttggtg	ggcatcgtag	tagttggagc	gatttctctg	1080
gcatgagcag	gaaaagcaga	ggatgattcc	agctatcagg	gagaacaggg	aagaaataat	1140
gcccaagtaa	agagcctctc	caatctcaaa	tttcatgctg	tcaggcacca	gtggtgagta	1200
gaagtcccg	aggatcccat	gaagattcca	ggcaacagga	atgaatccca	ggaggcctcc	1260
aaggatgaaa	aagactccac	ctgctaccgc	cactctgtct	ttggctcggg	attcctggca	1320
gaagactgtg	catctcatgc	ccaccacaga	gataatgcag	gccaggagg	agattgcact	1380





ataaaattct aatttaaaag gtcaaaaaaa aaa

1833

<210> 7870  
<211> 1963  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (652)...(1538)  
<223> similar to gi3242753 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7870  
gggctgcctc acttctgcct gatttgggaa gcgctgcaag gacaaccggc tggggtcctt 60  
gcgcgcgcgc gctcagggag gagcaccgac tgcgccgcac cctgagagat ggttggtgcc 120  
atgtggaagg tgattgtttc gctggtcctg ttgatgcctg gcccctgtga tgggctgttt 180  
cgctccctat acagaagtgt ttccatgcc aataaggag actcaggaca gccattattt 240  
ctcaccctt acattgaagc tgggaagatc caaaaaggaa gagaattgag tttggtcggc 300  
cctttcccag gactgaacat gaagagttat gccggcttcc tcaccgtgaa taagacttac 360  
aacagcaacc tcttcttctg gttcttccca gctcagatac agccagaaga tgccccagta 420  
gttctctggc tacaggggtg gccgggaggt tcatccatgt ttggactctt tgtggaacat 480  
gggccttatg ttgtcacaag taacatgacc ttgcgtgaca gagacttccc ctggaccaca 540  
acgctctcca tgctttacat tgacaatcca gtgggcacag gcttcagttt tactgatgat 600  
acccacggat atgcagtcaa tgaggacgat gtagcacggg atttatacag tgactaatt 660  
cagtttttcc agatatattcc tgaatataaa aataatgact tttatgtcac tggggagtct 720  
tatgcaggga aatatgtgcc agccattgca cacctcatcc attccctcaa ccctgtgaga 780  
gaggtgaaga tcaacctgaa cggaattgct attggagatg gatattctga tcccgaatca 840  
attatagggg gctatgcaga attcctgtac caaattggct tgttggatga gaagcaaaaa 900  
aagtacttcc agaagcagtg ccatgaatgc atagaacaca tcaggaagca gaactggttt 960  
gaggcctttg aaatactgga taaactacta gatggcgact taacaagtga tccttcttac 1020  
ttccagaatg ttacaggatg tagtaattac tataactttt tgcggtgcac ggaacctgag 1080  
gatcagcttt actatgtgaa atttttgtca ctcccagagg tgagacaagc catccacgtg 1140  
gggaatcaga cttttaatga tggaactata gttgaaaagt acttgcgaga agatacagta 1200  
cagtcagtta agccatggtt aactgaaatc atgaataatt ataaggttct gatctacaat 1260  
ggccaactgg acatcatcgt ggcagctgcc ctgacagagc gctccttgat gggcatggac 1320  
tggaaggat cccaggaata caagaaggca gaaaaaaaag tttggaagat ctttaaactt 1380  
gacagtgaag tggctggtta catccggcaa gcgggtgact tccatcaggt aattattcga 1440  
ggtggaggac atattttacc ctatgaccag cctctgagag cttttgacat gattaatcga 1500  
ttcatttatg gaaaaggatg ggatccttat gttggataaa ctaccttccc aaaagagaac 1560  
atcagaggtt ttcattgctg aaaagaaaat cgtaaaaaaca gaaaatgtca taggaataaa 1620  
aaaattatct tttcatatct gcaagatttt tttcatcaat aaaaattatc cttgaaacaa 1680  
gtgagctttt gtttttgggg ggagatgttt actacaaaat taacatgagt acatgagtaa 1740  
gaattacatt atttaactta aaggatgaaa ggtatggatg atgtgacact gagacaagat 1800  
gtataaatga aatttttaggg tcttgaatag gaagttttta tttcttctaa gagtaagtga 1860  
aaagtgcagt tgtaacaaac aaagctgtaa catctttttc tgccaataac agaagtttgg 1920  
catgccgcga aggtgttttg aaatattatt ggataagaat agt 1963

0048725.0100

<210> 7871  
 <211> 1612  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (124)...(542)  
 <223> similar to gil322550 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7871  
 cccacgcgtc cgcccacgcg tccggggccac acgcctcagc cagccccggc aagggcctat 60  
 caggggtggg tccggggcatc cgagcgggtt tgacggaagg agcggcggcg acggaggagg 120  
 aggatggagg cgggtggtgtt cgtcttctct ctctcgcatt gttgcgcgct catcttcctc 180  
 tcggtctact tcataattac attgtctgat ttagaatgtg attacattaa tgctagatca 240  
 tgttgctcaa aattaaacaa gtgggtaatt ccagaattga ttggccatac cattgtcact 300  
 gtattactgc tcatgtcatt gcaactggtt atcttccttc tcaacttacc tgttgccact 360  
 tggaatatat atcgatacat tatggtgccg agtggtaaca tgggagtgtt tgatccaaca 420  
 gaaatacaca atcgagggca gctgaagtca cacatgaaag aagccatgat caagcttggg 480  
 ttccacttgc tctgcttctt catgtatctt tatagtatga tcttagcttt gataaatgac 540  
 tgaagctgga gaagccgtgg ttgaagtcag cctacactac agtgcacagt tgaggagcca 600  
 gagacttctt aaatcatcct tagaaccgtg accatagcag tatatatattt cctcttgga 660  
 caaaaaacta tttttgctgt atttttacca tataaagtat ttaaaaaaca tgaattgagt 720  
 ttctgtagat ttctagttct caacttttagc ctgaacgcc acaacttgaag gtgtttttca 780  
 tcctctgtat gttgaagggtg gttattttgta tgtaggaaca ggactgccat cccagctttg 840  
 catgccaaag aaataaagaa cacactttta agggcaaaact gaagagatga gcgagcaaag 900  
 gtgcccttca ggtctactga aaagttagag taaaaacaa cactgttgat ctggacaaaa 960  
 gaagaaaaat tacccttttt gcttgtgttg tgacaacttc atttaatatg gtttaaagat 1020  
 ttatgagact gtcagctaaa agtcttttca caagaatgtc aacagagaat ggcatctcaa 1080  
 aatatatata tttctttgca caatttgtga aaccttataa gccattttcc ccaggtacaa 1140  
 tgtagttcct gctgatagaa aggaaatatt ttgtcaagag ctttcattta aaagctacta 1200  
 cctccacaat ccccccaaa cccagaaaa cccactggc tcttgccagt ctggttttcg 1260  
 tattgcagtt attccaattg tatttgatct ccctgataac gtattttcat gggtttgggt 1320  
 agaagatgct aatcagatta gaagcaggaa tagttatttg ctgtctgtga aattgagcct 1380  
 tttggtgcgc cacgtggtgc cagatcaaca cttctatccc tctgcactga ccacgttggtg 1440  
 aactgggaga cccaaatgca agccatttca tggacatagc aatatacaac caaactctgt 1500  
 tccttgaggt tatattgtaa actcttgagc gtgggagagc agttcacctc cttagctctg 1560  
 tttgccagct cttacagggg aaaataaacc tgggcaattt atcctcaaaa aa 1612

<210> 7872  
 <211> 1758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1759)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1683)...(411)

<223> similar to gi4587714 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7872

tttttttttt	ttagattcat	ctttttaatg	acatcctaaa	attcagagga	ggggccagcg	60
ggacctctgg	gctcagcggc	tgtgaaggag	ggaccgcgaa	caccgcgctaa	ggcaggtaat	120
tgcaagaagg	cactcgcgag	ggggacttca	agccctctt	ctatttcttc	atataaaatc	180
aggggatgg	ggaaagctcc	aagggcgagg	gaagcagaga	gagtttctct	cccagcctat	240
ggaataagga	agaggtgagg	aagggtgagg	tgctgggagc	aagaaactgc	caagtccagg	300
acctgccctc	acacagacac	acacagccc	cacctgccct	ccctctaaaa	tctgcatccg	360
gggctgtaag	gaagccccgt	gttcaagccc	ccatctcttc	tcccttctag	ctggtacgaa	420
gttggtaatc	gccactctgg	gtgatgtagc	gaaccaggg	cagggcctgg	taaccacttt	480
tctcaatgat	cttcatgtat	cggacctgga	tcccagagac	ggtgaagtag	gggatctcaa	540
acttgacccc	gatggggggc	cggccctcca	cctcttccct	ttccacactg	gggaggccaa	600
agtgggctcg	catcaagtac	tccttgcccc	ccgggaaaga	cttaatactc	caaatacaga	660
cgtttctctc	cggcacatac	ttggcgctgc	ccacactggg	cttgaatctg	ggggagtcgg	720
catcgctggg	tacaggcaca	gatatctcca	caccgttggc	caacttctca	atgacagact	780
gcccccttgg	cttgacctg	atctccacgc	ggctgtggga	gaacttctca	tgacatgagc	840
caatccagat	cagtggcttg	acctgggtgc	tgaggcggta	tgacatgagc	tcaaagtcac	900
catcaggcgg	gatgaaggag	atgggtgcgt	cgttgtcaaa	gcgagagagc	cgacgcact	960
ggtggaat	tacatcctcc	agctctactg	atttgttctt	gctgcggcca	gtgagctcga	1020
agagcacgcg	gtcattgagg	cccagccgca	gctctggcat	tcctgacaga	aacaccttga	1080
gcttgatggg	accgacgatt	tcgctcagaa	ggacgtgcc	gttggcattg	accagcaggt	1140
tgacagactc	tatgacatca	atgaagacct	cgttcttctt	atacttgata	ccctcggagc	1200
gccaggacac	agcgttgggt	acagtgggtg	gcacccgtga	cttgcccgtc	tccagcttgt	1260
tgctctgctg	agtgatgtac	tcctgcagga	tcttgctgtc	ggtggtctgc	gggaagccaa	1320
agtccatgag	ctcgtccagc	aactcgtaga	cgatgacaaa	gttggtcccgg	atgctctcct	1380
cctccagctc	cttgaagtat	tcgcagaata	cctctattgt	cttatacagg	aaggagtaca	1440
ccagggaggg	attggcattc	ttcgatgtgg	tggccaccaa	gtagagggtg	ctgtgtttga	1500
tccataggaa	gtggacctgg	ccgtggctca	gcagcggggc	cagggcgcc	tcctcctccc	1560
gctgtaccag	caaaggcatg	aagtgtctaa	tcttgctcat	ggccacatcg	cccttgtagt	1620
tgcggtgat	caatggcttg	cccttaacgt	ccagaatgaa	gacagccgag	gcggacatgg	1680
tggcgccga	aggacttagg	agtcggggag	ggagcgccgg	gaggcgatgg	cggtgccgct	1740
tccncttca	gattggtg					1758

<210> 7873

<211> 1666

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (165)...(910)

<223> similar to gi4929325 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7873

```
gcacgaggtg aaaatgggtg tccctgctgc ctcttagcaa caagaggggt caagtgacac    60
aaccagctga ctcccgtaga ggaagacact gtggaggcca gttctggagc tattgcagcc    120
tcggttgccc ggccggggac ccgagccgaa aagttatcgt cagaatgtcg ggcaaagacc    180
gaattgaaat ctttccctcg cgaatggcac agaccatcat gaaggctcgt ttaaagggag    240
cacagacagg tcgaaacctc ctgaagaaaa aatctgatgc cttactctt cgatttcgac    300
agatcctaaa gaagataata gagactaaaa tgttgatggg cgaagtgatg agagaagctg    360
ccttttctact agctgaagcc aagttcacag caggtgactt cagcactaca gttatccaaa    420
atgtcaataa agcgcaagtg aagattcgag cgaagaaaga taatgtagca ggtgttactt    480
tgccagtatt tgaacattac catgaaggaa ctgacagtta tgaactgact ggttttagcca    540
gaggtgggga acagttggct aaattaaaga ggaattatgc caaagcagtg gaactactgg    600
tggaactagc ttctctgcag acttcttttg ttacttttga tgaagctatt aagataacca    660
acaggcgtgt aaatgccatt gaacatgtca tcattccccg gattgaacgt actcttgctt    720
atatcatcac agagctggat gagagagagc gagaagagtt ctataggtta aagaaaatac    780
aagagaagaa aaagattcta aaggaaaaat ctgagaagga cttggagcaa aggagagcag    840
ctggagaggt gttggagcct gctaattctt tggctgaaga gaaggacgag gatcttctat    900
ttgaataatc tttcctgttc tggttctttg agaaacccta acactggctt cattttaatt    960
cacagtgtgt aggtttgatt tgtgtggcta ttgatttttt ggccaaagaa tttacttggg    1020
tgtaaaatth acctagatgt ctattttatgg gattactttt gcagaatcat aatttagcaa    1080
ccatttatca tggatgaaag agatctgtaa aacctgcca ggaacttaca gaatttactt    1140
tgcagaagcg ttatcatact ccatttacat ctgtgttaca cgtgatctgc ttaccaagca    1200
tattaggaaa tacctcttag gaagcattag cggctcagc ccaattactg tggagcagct    1260
ttcattccta cccacttga aaccttggcg ctgttgtctg agattgctgc agccattctt    1320
gttaccatgg tacttctcaa actttgtgaa aacctgcact tttccttgca tgacagggtt    1380
ctgtcttgtc tgtcatggga gccattctgc caatttaaag gcgactgtgg tataaacagt    1440
aaaatgattt aaaagtaagt cattccgttt ttatttaatt actgttaagt catgttctca    1500
tgctcagatc agtagtgtca gccagagctt tctctgcaga catgtaggaa gtgggttagct    1560
atthtttcca ctccatgtat tagagthtta caaaaaggct tacttttgag acaactgttg    1620
cattttgggg tactaataaa tgattgccga tgagttaaaa aaaaaa    1666
```

<210> 7874

<211> 1504

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (400)...(974)

<223> similar to gi33969 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7874

```
cccgtcgac cacgcgtccg gaattttgat ctaaatagca aatctattct gcaggaattt    60
ttttgcaccc gaagtattca gatccctgct aatagatcaa aaacagctat gtctaaatgt    120
ccaatatttc caatggccag gagtattagt acttctggcc ccttgataa ggaagatact    180
ggaagacaga agctcatttc tacaggcagc ctgccagcta ctttacaagg agctacagat    240
```

tcttttaggtt	tagaatggca	ccttccaagt	cccgatcctg	tactgttcc	gtatcttagt	300
ccttttagtgg	tatggaaaga	acttgaaagc	ttattggaaa	atgaagggtga	tcatgcaata	360
acagtagcag	actttgtgga	ccatcatcca	attgtttttt	ggaacctggg	atgggtatttc	420
agacgtcttg	acttgcccag	taacttacct	ggattgattc	tttcttctga	gcaactgtaac	480
aagtattcaa	agattccccg	ccactgtatg	tctgaagata	gcaaatatgt	tttaatacaa	540
atgttatggg	acaatatgaa	gttacatcag	gatccgggac	agcccttgta	cattctctgg	600
aatgcacaca	cccaaaaata	tccaatgggc	catttattgc	aaaaaagtga	taactcattt	660
aaccaggaac	tggtgaaaag	tatggtaaaa	agcattaaaa	tgaatgatgt	ctatggacca	720
atgagtcaga	tttttagagac	actgaataag	tgtccacatt	ttaaaagaca	gaggagttta	780
tacagagaaa	tactatttct	ctcacttggt	gcactgggaa	gagaaaacat	tgatatagat	840
gcttttgata	aagagtacaa	gatggcatac	gatcgtctca	cacctagtca	agtcaagagt	900
acacacaact	gtgatagacc	accaagtaca	gggggtgatgg	aatgtcgaaa	aacctttgga	960
gaaccttatc	tttaagatgt	atgtgtatgt	gtaaacattc	aatgtatat	gtatagtcag	1020
tgtataaaaat	aacactttta	gactctaaat	attttttctt	caatttttga	aaatacaatt	1080
tgtaaatggt	ccaaaggact	ccagaccagc	ttatgtacca	gaatgtttga	agaagagaat	1140
agtgaccaag	tggggagaaa	agcccacttg	gtttctcatt	tctttttcct	tcttctttta	1200
ctccccgtga	ataggaaata	aagtattttt	gtgatgagga	aatccctaaa	caaaatttagt	1260
tgccataaaa	tatgacaact	gctttatggg	ttcttttgga	agagacagat	tgaaaaatca	1320
tgaatggaat	cctaaacaga	aatgtcagat	gaacgtattt	cctgttttca	tagactattc	1380
aaatgttttg	accatgaagt	tgtattatac	atatttttaa	ttgtttatag	taagttgata	1440
tttttttaat	ttttaaat	aatatagcaa	acttaaaatg	aatttaaact	taagcaaaaa	1500
aaaa						1504

<210> 7875

<211> 1398

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1296)...(264)

<223> similar to gi2984585 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7875

tttttcactt	tacaagaagt	tactcttat	tcatggaggc	atcatgctga	caggactgga	60
tccaaggaaa	atgctagtga	ctttccaac	ttcattcccc	aatcaaagag	gacagtttct	120
ggtttgccac	tggtgagttt	attacacgac	taaagttcaa	ataaaaaaat	aaaaaccaa	180
atcttggcag	ggaagctaga	gccagaatca	ggaaaatctg	cttccttgtc	cccagactcc	240
ctggccaagc	ccagctccac	taactcatct	tgactcgatc	aagttcctca	tcaagacttg	300
catctgtacc	ctggacatct	ctgctgctcc	caactggagag	tgagtctgga	gtccctggca	360
ctggggcttt	ggtgagggct	ccatatacac	ccatggcctg	agccaccatg	ctggtgacat	420
cgccagggtt	ggagggcagt	aggatagtgt	tggagtcctt	ggccagtttg	gagaacgcgc	480
tgacatactg	ctcgccaca	gtcagtgaag	ctgctgcac	tccattatgt	tgtgtcagag	540
ctgcagccag	gattogaata	gcttcagctt	tagccttggc	cttcgccaga	actgcaactg	600
cctctcctgc	tgccctgatt	atctgttcag	ccttttctgc	ttcgagggcc	aggatctggg	660
cctgtttctt	cccttctgcc	acattgatgg	ccgactctcg	ggtccctca	gactctagaa	720
ctgtggcccg	tttccgccgc	tctgcctcca	cctgcactcg	catagactct	ttcaccggg	780
gtggcacatg	gatatccttg	atctcataac	ggaggcagcg	gataccccag	cagtcagcag	840
cttggttgat	ggcatccaca	atgctggcat	tcagggactc	ccgttcccg	aagactttgt	900

```

ccagagagag tttgccgagc tctgatctca tggttgtttg agctagctgg gtgacggcat 960
actcagggtc ctccacaccg tagcttgccct tgtaaggggc catgatgcgc aggtaaagga 1020
ctccatcgat ttgcagagtt acattgtcga gagtcacagc cgactgctca ggcacgttga 1080
tgacaatttc cttgagactc tgcacatata ggatccggtc taacacaggg atgaggatgt 1140
tcaaaccagg ctccaggatc cgggtggaatc ggcccatcgc ctccaccacc caggcctcct 1200
gctgcgccac gaacagtacc acggtgtttc ggggcaatcc agaggaggcg cggcgcgag 1260
cgcggccaga agccagtaga gagccctca gcaaaagggc cccagtggcc cgcgccgcgc 1320
gcgccagcat ttccaccgc cgcagcgacc tccggaacca acgagacgag cggagcggtc 1380
gctcccagaa gcctaccc

```

```

<210> 7876
<211> 1437
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (125)...(1292)
<223> similar to gi387012 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7876
aaccggtgac tttcagagcg cgataaggcg ggacccaact tgtatataag gggcagctca 60
tgctgctgct ctgcaccttc ctcccgctctt gccttctccc tcgagttggg acccggaag 120
aaccatgaag tggctgctgc tgctgggtct ggtggcgctc tctgagtga tcatgtacaa 180
ggtccccctc atcagaaaga agtcttgag gcgcaccctg tccgagcgtg gcctgctgaa 240
ggacttctcg aagaagcaca acctcaaccc agccagaaag tacttcccc agtgggaggc 300
tcccaccctg gtagatgaac agcccctgga gaactacctg gatatggagt acttcggcac 360
tatcggcata ggaactcctg cccaggattt cactgtcgtc tttgacaccg gctcctccaa 420
cctgtgggtg ccctcagtct actgctccag tcttgctgc accaaccaca accgcttcaa 480
ccctgaggat tcttccacct accagtcac cagcgagaca gtctccatca cctacggcac 540
cggcagcatg acaggcatcc tcggatacga cactgtccag gttggaggca tctctgacac 600
caatcagatc ttcggcctga gcgagacgga acctggctcc ttcctgtatt atgctccctt 660
cgatggcatc ctggggctgg cctaccccag catttctctc tccggggcca caccgtctt 720
tgacaacatc tgggaaccagg gcctggtttc tcaggacctc ttctctgtct acctcagcg 780
cgatgaccag agtggcagcg tggatgactt tgggtggcatt gactcttctt actacactgg 840
aagtctgaac tgggtgcctg ttaccgtcga gggttactgg cagatcacccg tggacagcat 900
caccatgaac ggagaggcca tcgcctgcgc tgagggtgc caggccattg ttgacaccgg 960
cacctctctg ctgaccggcc caaccagccc cattgccaac atccagagcg acatcggagc 1020
cagcgagaac tcagatggcg acatggtggt cagctgctca gccatcagca gcctgcccg 1080
catcgtcttc accatcaatg gagtccagta ccccggtcca cccagtgcct acatcctgca 1140
gagcgagggg agctgcatca gtggcttcca gggcatgaac ctccccaccg aatctggaga 1200
gctttggatc ctgggtgatg tcttcatccg ccagtacttt accgtcttcg agagggcaaa 1260
caaccaggtc ggcctggccc ccgtggctta agcctaagtc tcttcagcca cctcccagga 1320
agatctggcc tctgtcctgt gcccaactta gatgtatcta attctcctga ctgttcttcc 1380
caggggagtg tggaggtctt ggccctgttc cctgtcctac caataacgta gaataaa 1437

```

<210> 7877  
 <211> 2010  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (543)...(942)  
 <223> similar to gi2924495 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7877

gcttctttca	cacgggttgc	ttcggaggaa	tccgcctgtc	aaatctgtcc	gcccccttgg	60
ccactgatcc	cccgaagagc	ttctgtcgcc	gctctaggaa	tacagacatt	gaagtttggg	120
acaagatatt	tatctaactt	ctgtgtcaaa	attagcgacc	tgctatggca	atgaagaaaag	180
aaactgaatt	tgctattttc	acctgaagaa	aaatgataga	caaaaatcaa	acctgtgggtg	240
taggacagga	ttctgtgccc	tatatgattt	gtctgattca	catactcgaa	gaatgggttg	300
gtgtggagca	gttggaggac	tatttgaatt	ttgcaaacta	tctcttgtgg	gtttttacac	360
cactaatact	tttaataactt	ccttacttta	ctatctttct	tctctacctt	actattattt	420
tcttacacat	ttataagaga	aagaatgtat	tgaaagaagc	ctactctcat	aatttatggg	480
atggtgcaag	gaaaacagtg	gcaactctgt	gggatggaca	tgacagccgtt	tggcatgggtt	540
atgaagttca	tggaatggaa	aaaataccag	aagatggacc	agcacttata	attttttata	600
atggagctat	tcctatagat	ttttactatt	tcatggctaa	aattattata	cacaaaggca	660
gaacttgccg	agtagtagct	gatcactttg	tctttaaaat	tccaggggtt	agttttattac	720
tggatgtggt	ttgtgctcta	catggaccaa	gagaaaaatg	tggtgaaatt	ctgaggagt	780
gccacttggt	agctaattca	ccaggtggag	ttcgagaagc	cctaattagt	gatgaaactt	840
ataacatcgt	atggggatcat	cgcagaggct	ttgtctcagg	tgcaattgat	gcaaaagtgc	900
ccattattcc	tatgtttaca	caaaaatttc	gagaaggatt	tagatcactt	ggaggaacaa	960
ggttattttag	gtggctttat	gaaaaattcc	gctatccatt	tgctccaatg	tatggagggtt	1020
ttccagtga	gttacggacc	tatttaggcg	acccatttcc	gtatgacca	cagataacag	1080
cgaagaatt	agctgaaaag	acgaagaatg	ctgttcaagc	tttgattgat	aagcaccaaa	1140
gaataccagg	aaacattatg	agtgccttgt	tagaacgttt	tcattgataa	caaagggtca	1200
actagaagat	gatttagtac	atttatatta	aatgtttgta	tctaaggtag	tgtcttctga	1260
atttttaggt	tcctataatt	agtatttttt	aaaaaatca	tgtaataaag	catctttcac	1320
agaattcgtt	tctttaaaat	agtcaatttt	gtttttgcaa	ttgggtcaaa	tactaacaaa	1380
ttacacacct	agtaattcaa	aaaaagatgt	cttatttgta	aattcctaac	aatttatgct	1440
aaacatatag	attcttaagt	ttattaataa	cagcagttta	ggttaaacaa	acattcctgg	1500
ataatgcgtt	aaatttctgt	atctgtcgcc	ctgagctgat	tttgaaagat	ggtataagct	1560
aggggttagt	atagttgttt	aagttagaaa	aaacatgctg	ttgtctgccc	ctcattccct	1620
tcagacatt	gggcaagtca	cgtaatgttt	ttgtgcctca	acaattcact	ttttaaaaac	1680
atgatcgat	gatgaatgat	attattttgt	tatttatatt	tactgtgatt	gataactggt	1740
gaaccaaaat	aataaaataa	ttaattttaa	caatgtcaaa	atccttttag	agttatgtat	1800
atattttctc	cattgtgtgt	ttaaattgtc	atgtccagtt	gccaagcaca	atgaaaaaga	1860
tgtattattt	tttaaattga	ataaaaaatt	aggaaaaata	aaatttctaa	ttattatttt	1920
tagtatgata	tttttaacaa	gagtcctatg	gcaacaata	taggggtgtg	tgtgcattgg	1980
tcagccctat	actgtggtct	taataatgcc				2010

<210> 7878  
 <211> 3215



<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (224)...(2944)  
 <223> similar to gi2564328 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7878

tttcgtcgcg	gagggagggg	cggggcgggc	tccggtgtca	gcgaccaagc	cgcaggtggc	60
ggcgagcgcg	gggctcggcc	cgagctcagg	agatggggaa	actgaggcac	ggagctggac	120
agtgactcag	acaccaggag	ctgcctggag	tggagctgag	agctcaggtc	tgggctcagc	180
cagtccagag	tgcaaatcta	ctgtcccttc	ctggctgtgt	gatcttgaca	ggcactggac	240
ggggcctgca	ggggtctcca	cagagaccat	caggatgtcg	tattttgggg	agcatttttg	300
gggcgagaaa	aatcatggct	ttgaggtcct	gtaccacagc	gtgaagcagg	ggcccatctc	360
caccaaggag	ctggcggact	tcatccggga	gagggccacc	atcgaggaga	cctactcgaa	420
ggcgatggcg	aaactctcca	agctggccag	caacgggacc	cccatgggga	ccttcgcccc	480
gctctgggag	gtcttcgcg	tctcctcgga	caagctggcg	ctgtgccacc	tggaaactgac	540
acggaagtta	caggatctca	tcaaggacgt	tctccgctac	ggcgaggaac	agctcaagac	600
ccacaagaag	tgcaaggagg	aagtgggtgag	caccttggtg	gctgtgcagg	tactctcggg	660
cgtcagccag	ctcctgcccc	agtcccgca	gaactacctg	aaccgttgca	tggaccagga	720
gcggctgcgg	aggagagta	ccagccagaa	ggagatggac	aaggcggaga	ctaaaaccaa	780
gaaggcggca	gagagcctgc	ggcgctcagt	ggaaaaatac	aactcagccc	gagctgactt	840
tgagcagaag	atgctggact	cagccctgcg	cttccaagcc	atggaggaga	cacacctgag	900
gcacatgaag	gcactgctgg	gctcatatgc	tactcgtgtg	gaggacacgc	acgtgcagat	960
tgggcaggtg	catgaggaat	ttaagcagaa	catcgagaac	gtcagcgtgg	agatgctact	1020
caggaagttt	gcagagagta	agggcacagg	ccgggagaag	cctggacctc	tggacttcga	1080
ggcatacagt	gcggctgccc	tgcaggaagc	gatgaaacgt	ttgcggggag	ccaaggcctt	1140
tgccttcca	ggactaagcc	ggcgggagcg	ggagccagag	ccacctgcag	ctgtagattt	1200
cctggagccc	gattcaggga	catgtccaga	ggtggatgaa	gaaggtttca	ctgtccggcc	1260
tgatgtgacc	cagaacagca	cggccgagcc	ctcccgtttc	tcgtccagcg	actccgactt	1320
cgacgatgaa	gagccccgca	agttctatgt	gcacatcaag	cctgccccgg	cccgggctcc	1380
agcctgcagc	cccagggcag	cagcggcaca	gctcagggcc	accgcgggca	gcctcatcct	1440
tcctcctggc	ccagggggca	ccatgaaacg	ccattcttca	cgggacgctg	ctgggaaacc	1500
ccagagacct	cggctctgcc	ccagaaccag	cagctgtgca	gagagattgc	agtcagagga	1560
gcaggtgtcc	aagaacctct	ttgggcccgc	cctggagtca	gcctttgacc	acgaagattt	1620
tacaggctct	agcagcctgg	gcttcacctc	cagcccctcc	cctttctcct	cctcgtcgcc	1680
cgaaaacgtg	gaggattccg	gcctggactc	tccgtcccac	gcggcacctg	gccccctccc	1740
agattcctgg	gtcccccgcc	caggcacccc	gcagagcccc	cccagctgta	gggcgccacc	1800
cccagaggcc	aggggtatcc	gggcaccgcc	tctgccagac	tcgccgcagc	ccctcgctc	1860
gtctccaggc	ccctgggggc	tggaggcctt	ggccggagga	gacctgatgc	ctgcacctgc	1920
tgacccca	gccagggagg	gcctggcagc	cccaccagag	agacttcgct	ctaggaaggt	1980
gtcctgccct	ctcacacgta	gcaatgggga	cctgtctcgt	tccctgagcc	cctccccact	2040
gggctcttca	gccgccagca	ctgccttgga	acggcccagc	ttcttatccc	agacaggaca	2100
cggagtctcc	cggggtccga	gccctgtggt	cctgggctcc	caggatgccc	tgcccatagc	2160
cacagccttc	acagagtatg	tccacgccta	cttccgtggc	cacagcccca	gctgcctggc	2220
tcgagtaact	ggggagctga	ccatgacctt	ccctgctggc	atcgtgcgtg	tgttcagcgg	2280
gaccccacca	ccacctgtcc	tcagcttccg	gcttgtagac	acaaccgcta	ttgagcactt	2340
ccagcccaac	gccgatctgc	tgttcagtga	ccccctccag	agtgaccctg	agaccaaaga	2400
cttctggctc	aacatggcag	ctctgaccga	agccctgcag	cgccaggcag	agcagaaccc	2460
cactgcctcc	tactacaacg	tggtgctgct	gcgataccag	ttctcccgcc	cgggtcccca	2520
gtctgtgcct	ctgcagctca	gtgcccactg	gcagtgtgga	gccaccctca	cccaggtctc	2580
agtggagtac	ggctaccggc	cgggtgccac	ggctgtgccc	acaccactca	cgaacgtcca	2640

0946201520460

```

gatcctgctg cctgtggggg agcctgtgac caacgtccgc ttgcagccgg ctgccacctg 2700
gaacctggag gagaagcggc tcacttggag gcttccagat gtgtccgagg caggcggttc 2760
tgcccgctc tctgccagct gggagccgct ctccggggcc agcacacca gcccctggc 2820
tgcacagttc accagcgagg ggaccactct gtcggggcgtg gacttggaac tgggtggcag 2880
cggttaccgc atgtcgctgg tgaagaggag gtttgcaca gggatgtacc tgggtgagctg 2940
ctgaaccgcg aatgtctgct gcccagctc tacactgcgc cctggtgctg gctgaccacc 3000
ccctgccctc ctgccggacc ctggggcctc ccacccagc ctccttgagg ccataactcc 3060
acggagagga gcccattgcc cagcctggct gagcccgaga ttcgctcctc cccctcatgc 3120
caacccaca caggtcccgg ccttttaatg ttctttgaat aaacacttta ttttctaata 3180
aaataaaaaa ggaaacctta aaaaaaaaaa aaagg 3215

```

<210> 7879

<211> 2156

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (100)...(1413)

<223> similar to gi5732691 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7879

```

ttcgtggctt cccgcgcggg acccagtacc tcggtcctcc ggggccggac cgaggccgca 60
agcagcgccg cgggggtgtgg ggcggaccga ggagatgaaa tgacaacgtc aaccctccag 120
aaagccattg atctgggtgac gaaagccaca gaggaggaca aagccaagaa ctacgaggag 180
gcgctgcggc tgtaccagca tgcgggtggag tacttcctcc acgctatcaa gtatgaggcc 240
cacagcgaca aggccaagga gagcattcga gccaaagtgcg tgcagtacct agaccgggcc 300
gagaagctga aggattatct acgaagcaaa gagaaacacg gcaagaagcc agtcaaagag 360
aaccagagtg agggcaaggg cagtgcacgt gacagtgaag gggataatcc ggagaaaaag 420
aaactgcaag aacagctgat ggggtgccgc gtgatggaga agcccaacat acggtggaac 480
gacgtggccg ggctggaggg ggccaaggag gccctcaaa aagctgtcat tttgccaatc 540
aaattcccac acttggtcac aggcaagcgc acccctggc gggggattct gctgttcgga 600
ccccctggca cagggaatc ctacctggc aaagccgtgg caacagaggc caacaactcc 660
accttcttct ctgtgtcctc ctcatctg atgtccaagt ggctggggga gagtgaagag 720
ctggtcaaga acctgtttga gctggccagg cagcacaagc cctccatcat cttcatcgat 780
gaggtggatt ccctctgcgg gtcccgaaat gaaaatgaga gtgaggccgc ccggaggatc 840
aaaacggagt tcttgggtcca gatgcagggg gtggggaata acaatgatgg gactctgggt 900
cttggagcca caaacatccc atgggtgttg gattcggcca tcaggaggag gtttgaaaaa 960
cgaatttata tccccttgcc ggaggaagct gcccgcgccc agatgttccg gttgcatctc 1020
gggagcactc cccacaacct cacggatgca aacatccacg agctggcccg gaagacggaa 1080
ggctactcgg gcgcggacat cagcatcatc gtgcgggact ctctcatgca gcccgtagg 1140
aaggtgcagt cggccacaca cttcaaaaag gtctgtggcc cctctcgac caaccccagc 1200
atgatgattg atgacctcct gactccatgc tcaccagggg acccaggagc catggagatg 1260
acttgatgg atgtccctgg ggacaaaact ttagagcctg tggtttgcac gtcggacatg 1320
ctgcggtctc tggccaccac ccggccacg gtgaatgcag acgacctcct gaaagtgaag 1380
aaattctcag aggactttgg gcaagagagt taaaagctgc ttcaattggg caatggtgaa 1440
ggtgggaggt tgattggggc aaatccaggc actccccatg tcaacagcca gacagggctc 1500
cagggttgt cccagtcaat acagagttcc ctctgctgtc tggcgcgtct ccaggagacc 1560
agaaggaaag gccttgccagc cacagagaca ctccactgcc ctggggcaca cagtggacac 1620

```

```

tgctcttccct acttctctct ctcttgatg ctcacagct ccttctgcct ccccccttt 1680
tttttccatc ttttgttccc ctaaattaat gctgcttga ttttcatctt atttataaag 1740
ataaaatcac ctggaagtgt caaggagtgg ggcgggggtg cgggggagaa gcagccgtgc 1800
tgccaggtca cccagacctc cagacagccg gctagcccca ctgcccgttc cttttacgcc 1860
caagttttgc tccttgagag cagattggct gatgcccctg caaccccagc ccaagctctg 1920
cctcaaagac cgagtgcacat aagccattcc caccctccta ggttcacatc cagggctgtg 1980
tcttccttgg gggaggagat ggtgtcgttt aaatcagggt aaggcagtca ggcgggtgtt 2040
caccactgcc ttttcttccct ctgagcgtga gaacactgaa cccagccact gccctgggt 2100
ccctgtcctg gaaatggtct aataaatcct tttcccttct tgagctaaaa aaaaaa 2156

```

```

<210> 7880
<211> 2137
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1752)...(386)
<223> similar to gi2832739 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7880
tcgcttatac tcattcagca aataattatt gaactccatt tacgtaccag acactgttaa 60
ttgatgttac tcacttttcc tttcagaact aaagccttat cagttgtgtg ttgagatagg 120
aagaggagac tttttccact tcttgtgttt cctacagtta ctcccttccc aaactgataa 180
agtatacagt ttataaaaaat cttaaaaaact cattcttact ggtaaattca ttttaataat 240
gaggggaaaa aacttttagtt attaaaaaca aaagaatgaa tacacataca cacactaaat 300
gtggcagatg tttccaggag agattagcaa cagagaggcc acatgatcaa ataaaaattta 360
cacttttgat gggattgtcc cctcgcggcc acccaagtgt ttgtggaaga aagtctggag 420
ttgtttccaa gcatccacct gagccatggc atgagccctg ggctcccctc cccagataat 480
aggactgcc accaaggcat gcagggaagc ccgacacagg gggaagtaag gaggtcaat 540
atagtgcct gtctctgggt aacagatgat ctggggcttt ctctcccat gggcctgcaa 600
gcgtttacag gcctcattag catagaactc actcttcag ttgtggtcat cctgacctac 660
caggaacagg aaggtgtct ctgccctttc cacaggaatg aagctcttct ggtcagggtcc 720
ttccaaagg ctgttcagga catccacaat gtctgcatag ccatctttgg tcaccttgat 780
gcgatttctg ttgacgcccc cagggggcag ggtctcgccc ttgtagcgta aggttcccccc 840
aacattggcc acagagccgt tgatgacgac agcagccgtg atgcccttca ggaaagaggc 900
catggaaaagg cagagctcac cccctttgga aattccaagc agcccaactc ctggaccttt 960
tacctcggga tgactgagca agtagttcat ggcttcttca aagtactcca gatggagcgt 1020
ctccatggtc ttggggagggt cttcatagtt ataataagcc agagccatca cagcaaaacc 1080
cttcccagcc agcagactag cccgatactc cagcaggcca cctccagttc cgaacatgtc 1140
cacaatccca ggaaagggcc caggttcttg cggcaggaag agcgtgcctc gcacccggcc 1200
cacgcgcacc ggctcgcgcc gcaccccgcc cgggaggaag tagcgtcgt gccgcgtctg 1260
gcacagcagc cgcccggggt cggggctcgt gccatccagc acctccagct ccacggccaa 1320
ggcggttcgc acgtcgcgct tcaccagccg caccaaaggt ttctcgggct ccaaggccca 1380
gagcagcccc atgggctcaa gccccgcgaa gctgcgcgcc agcgcgggcg cgcgtccag 1440
gtccagctcg ccaagagtgt cggcgcggta gcgcgcgtg gcctggaaaa gcgcgcctt 1500
ctcgtcgcgc agggacgcgc gcagcgtgac cggctgtctc ggggctaggc cgcgcacggc 1560
gattcgcacc ggttcgtccc agcagcagcg gcccgcaggc tcaggatca gcgtcgcgc 1620
catccgagca ggaaccctaa tgatctgacc aacctgcctc agctgtggag accccaggaa 1680

```

ctgcgccgaa	ctcttcaggc	tccattggta	cagccgggac	gctcgaagga	cagcaggaga	1740
tgaggccatt	ttgaattcag	acctgagaac	aactgaatgg	gggtggggag	aaagaagctt	1800
gttagacatc	ctctcgggct	gccgtcgcag	gctaagcgcc	cactagggca	gagctgtctg	1860
ctaactgtgag	cggggaaggc	cagagtccag	ccgatcagcc	agaccaaata	tagacacact	1920
ggaacttgct	taaagtctcc	tgtgttgaaa	cctccacttt	atgttggaag	gctacttcct	1980
aggtttgctt	ttcagaagct	tgctggcctg	cggaaatggc	tggaaccagg	ctggttctta	2040
aagaaccagg	cagctagcag	tctccaggct	ccaaactcct	gacggcgaag	aggaatgcag	2100
agctggagtt	agttttgatc	actttgttga	ataattt			2137

<210> 7881  
 <211> 1135  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (113)...(390)  
 <223> similar to gi337730 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7881	
ggggcagagg	gaataagagg
agagacgacg	cctgcagcaa
gctggagaag	gccatggtgg
agacaagcac	aagctgaaga
tttcttagag	gaaatcaaag
tgatggagac	ggcgaatgtg
tgctgccac	gagttctttg
acagagacgg	tcatgcaaga
tttccagccg	tggtgtagct
aacctctttc	caaaggctgt
tgtgtaagct	gactggcccc
tgataaagcg	tgacccgtgc
ctgactacag	aaattacccc
ccttatccag	cattatttga
ataacagctg	gttgcccggt
ggatgcgcct	gatcaccagg
catcagaact	cgcaatccga
cgattcaagt	cgcggtctga
cgagggcact	accgggggct
ccaccagtcc	tgccgcccag
aaggggtgag	acaaggaaga
cgttttccac	caatattctg
caaggagctc	atcaacaatg
gttggaacaa	gtcatggaaa
attcatggcc	tttgttgcca
agattagaaa	gcagccaaac
caagggcttg	cagcctagta
cttgatttgc	tttgtgattg
tttctgctat	attaggcctg
gttaacagta	acttaggagt
ggccgtgtag	accctaacc
taaaacttcc	actaccttta
gttcctttaa	tgcgttcctc
aagggcggtg	tggttcggc
gcgctggcag	cgtcctggaa
ggtggcctcc	gtgacctatg
cctccagcac	atgcggcttc
gcgagggcct	gcgttcaata

<210> 7882  
 <211> 2844  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (211)...(2113)  
 <223> similar to gi4107276 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7882

cggcacgagg	agcggccccc	ttcaggcctc	agaatcactc	ttggagttag	atattttaaga	60
atccttcctg	ccttgacagc	cagtctgtga	aatgatggtg	aggtgggcac	ttctttgttg	120
tgagtgcaga	tctggatgga	gattttgtgaa	ggcaaggaga	ttgaagacat	gtcctcataa	180
gagggagaaa	atctgagctg	gttccaggaa	ttctggggag	acattgccaa	ggaattttac	240
tgggaagactc	catgccctgg	cccattcctt	cgggtacaact	ttgatgtgac	taaagggaaa	300
atctttattg	agtggatgaa	aggagcaact	accaacattt	gctacaatgt	actggatcga	360
aatgtccatg	agaaaaagct	tggagataaa	gttgcttttt	actgggaggg	caatgagcca	420
ggggagacca	ctcagatcac	ataccatcag	cttctggtcc	aagtgtgtca	gttcagcaat	480
gttcttcgaa	aacagggcag	tcacaagggg	gaccgagtg	ccatctacat	gcctatgatc	540
ccagagcttg	tgggtggccat	gctggcatgt	gcccgcattg	gggctttgca	ctccattgtg	600
tttgaggct	tctcttcaga	gtctctatgt	gaacggatct	tggattccag	ctgcagtctt	660
ctcatcacta	cagatgcctt	ctacaggggg	gaaaagcttg	tgaacctgaa	ggagctggct	720
gacgaggccc	tgcagaagtg	tcaggagaag	ggtttcccag	taagatgctg	cattgtggtc	780
aagcacctgg	ggcgggcaga	gctcggcatg	ggtgactcca	ccagccagtc	ccccccaatt	840
aagaggtcat	gccagatgt	gcagatctca	tggaaaccaag	ggattgactt	gtggtggcat	900
gagctcatgc	aagaggcagg	ggatgagtg	gagcccaggt	ggtgtgatgc	cgaggacca	960
ctcttcattc	tgtacaccag	tggctccaca	ggcaaaccca	aggggtgtgg	tcacacagtt	1020
gggggctaca	tgctctatgt	agccacaacc	ttcaagtatg	tgtttgactt	ccatgcagag	1080
gatgtgttct	ggtgcacggc	agacattggt	tggatcactg	gtcattccta	cgtcacctat	1140
gggccactgg	ccaatggtgc	caccagtgtt	ttgtttgagg	ggattcccac	atatccggac	1200
gtgaaccgcc	tgtggagcat	tgtggacaaa	tacaagggtg	ccaagttcta	cacagcacc	1260
acagccatcc	gtctgctcat	gaagtttgga	gatgagcctg	tcaccaagca	tagccgggca	1320
tccttgagg	tgtaggcac	agtgggtgaa	cccatcaacc	ctgaggcctg	gctatggtac	1380
caccgggtgg	taggtgcccc	gcgctgcccc	atcgtggaca	ccttctggca	aacagagaca	1440
ggtggccaca	tgtagtacc	ccttctggt	gccacacca	tgaacccgg	ttctgctact	1500
ttccattct	ttggtgtagc	tcctgcaatc	ctgaatgagt	ccggggaaga	gttgggaagg	1560
gaagctgaag	gttatctggt	gttcaagcag	ccctggccag	ggatcatgcg	cacagtctat	1620
gggaaccacg	aacgctttga	gacaacctac	tttaagaagt	ttcctggata	ctatgttaca	1680
ggagatggct	gccagcggga	ccaggatggc	tattactgga	tactggcag	gattgatgac	1740
atgctcaatg	tatctggaca	cctgctgagt	acagcagagg	tggagtcagc	acttgtggaa	1800
catgaggctg	ttgcagaggc	agctgtgggt	ggccaccctc	atcctgtgaa	gggtgaatgc	1860
ctctaactgt	ttgtcacctt	gtgtgatggc	cacaccttca	gccccaaagt	caccgaggag	1920
ctcaagaagc	agattagaga	aaagattggc	cccattgcc	caccagacta	catccagaat	1980
gcacctggct	tgctaaaaac	ccgctcagg	aaaatcatga	ggcgagtgt	tcggaagatt	2040
gctcagaatg	accatgacct	cggggacatg	tctactgtgg	ctgacccatc	tgatcatcagt	2100
cacctcttca	gccaccgctg	cctgaccatc	cagtgaacat	gatcctgacc	tttacctagg	2160
attcctcctg	ctccaaactt	tgcccatcct	ctttgcccc	tcaggagtgc	tgaggggccag	2220
tgttgacca	cactaccctc	ccttgaccag	ctgtctggga	ccggaaacca	gctttgtctc	2280
caggtagaga	caacatcctg	tgactgccag	gcagaaagga	caggggccag	gtcagcctca	2340
gtctgctgtg	cctccagact	gcagagctct	cagaacccag	aacagagacg	aaaaggctac	2400
ctctcctacc	caagttaagt	gttcaaagg	gatgtgagg	cctccactga	agcagggagg	2460
cagctgtgta	atcctatgtc	agctctctta	ggaagcccca	gtacttatat	tgggcatgca	2520
cttgccctta	aaaacaatga	tttgtgagtc	caggaacaat	ttactatatt	taaaatattt	2580
tgtgtcttct	gttctgggtc	tgaattccct	tttgtgccag	attcagtctc	cagagggtat	2640
tcagatcctc	tgcttctttg	aaggagtaaa	tgtgttttgt	tcctagggcc	agaggagctt	2700
gtcttcttgg	tcctctgttc	ccaccctccc	ctgaacagaa	cccagcccat	aagagacatt	2760
ctcagatgaa	actctgtttt	cttgccccag	tcagggtcaa	gccctgtggt	tgtagggaata	2820

6495 "01.01.00"

aagcctgtga tctcaaaaaa aaaa

2844

<210> 7883  
<211> 759  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (351)...(261)  
<223> similar to gi3478640 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7883  
tttttttttt ttacaaagag aaacatcagg gactttaatc acatcccgca gctctgcgga 60  
cctgcccagg cgctgatgct gcgcacagcc cccccccatt ccctccctcc cgccctcctg 120  
gccctggcca gctcagctct gtccgggggtc ggagaggggg tcctgaggca gcagcagccc 180  
agctccagag tgacaggcag gggctgtcca gctgagtctc cgccccacg ttgccctggg 240  
gcaggccccag ctgctgtcag tgctgcttga gacactcagc agcatcttcc aaggtcaggt 300  
tggccaagtg tgggggctcc agacacctta aggctggcga taccaggctg cggggagacg 360  
aggctgcttc agctctccat gtccccacc ccctgcctcc ctccctgggg gccccaggcc 420  
tctctccca gctgggacgt gtggtcctat gtgtggccac atccacgaca ccctcgtgcc 480  
tgggatgtca gcagggtgtg caggccgcgg cacgctggtg ttggttacg agcaccctt 540  
ctcccgaggc ctcccttctc tgggtcactc acaaggccgg ggtggctctg tgtgtcccag 600  
gccaggagaa ggcagaggag cgtgggtctgt tcatgaaacc accacatggg tgtggttgca 660  
gagggtgacat ccagcagggtg tcccagggtat agggagagcc ccacctgcag tgccccact 720  
gatctagagg accccctagc cccctcgaa ttctgcac 759

<210> 7884  
<211> 1560  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(1561)  
<223> n = a,t,c or g  
  
<220>  
<221> misc\_feature  
<222> (638)...(1001)  
<223> similar to gi2668616 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7884

tttcgtgagg	cactggctgg	gctctgactg	tcacgttaat	tccctgctgc	tttttctagt	60
ccccagccgc	ctcgccctc	ctccctcatt	cccagcctgg	gtttggaggc	gatttccctc	120
tattgactga	gccgactgca	tctctgggca	agcggcgctt	tgctctctc	ctgtctttgt	180
ctgctcttcc	tgcagccctg	gcagcgggca	caccctaag	catacgacc	caacgcctcc	240
tccctgagcc	acgaggatgg	agcagccacc	cgggcccg	actggcgcaa	ggtgcccaag	300
caaggaaaga	aataatgaag	agacacatgt	gttagctgca	gccttttgaa	acacgcaaga	360
aggaaatcaa	tagtgtggac	agggctggaa	cctttaccac	gcttggtgga	gtagatgagg	420
aatgggctcg	tgattatgct	gacattccag	catgaatctg	gtagacctgt	ggttaaccg	480
ttccctctcc	atgtgtctcc	tcctacaaag	ttttgttctt	atgatactgt	gctttcattc	540
tgccagtatg	tgtcccaagg	ggctgtcttt	gttctttcct	ctgggggggtt	ttaaagtgtc	600
acctgtaggc	antgcaaata	tcaaggaaat	acctagagat	cttcctcctg	aaacagtctt	660
actgtatctg	gactccaata	agatcacatc	tattcccaat	gaaattttta	aggacctcca	720
tcaactgaga	gttctcaacc	tgtccaaaaa	tggcattgag	tttatcgatg	agcatgcctt	780
caaaggagta	gctgaaacct	tgcagactct	ggacttgtcc	gacaatcgga	ttcaaagtgt	840
gcacaaaaat	gccttcaata	acctgaaggc	cagggccaga	attgccaaca	acccctggca	900
ctgcgactgt	actctacagc	aagtctctgag	gagcatggcg	tccaatcatg	agacagccca	960
caacgtgatc	tgtaaaacgt	ccgtgttgga	tgaacatgct	ggcagaccat	tcctcaatgc	1020
tgccaacgac	gctgaccttt	gtaacctccc	taaaaaaact	accgattatg	ccatgctggg	1080
caccatgttt	ggctggttca	ctatgggtgat	ctcatatgtg	gtatattatg	tgaggcaaaa	1140
tcaggaggat	gcccggagac	acctcgaata	cttgaaatcc	ctgccaagca	ggcagaagaa	1200
agcagatgaa	cctgatgata	ttagcactgt	ggtatagtgt	ccaaactgac	tgtcattgag	1260
aaagaaagaa	agtagtttgc	gattgcagta	gaaataagtg	gtttacttct	cccatccatt	1320
gtaaacattt	gaaactttgt	atttcagttt	cttttgaatt	atgccactgc	tgaactttta	1380
acaaacacta	caacataaat	aatttgagtt	taggtgatcc	acccttaata	tgtacccccg	1440
atggtatatt	tctgagtaag	ctactatctg	aacattagtt	agatccatct	cactatttaa	1500
taatgaaatt	tattttttta	atttaaaagc	aaataaaagc	ttaactttga	accatgaaaa	1560

<210> 7885

<211> 2859

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (165)...(903)

<223> similar to gi386420 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7885

tttcgtggcg	cgggaggagg	cggggcgcg	agaagtggcg	gaggtggaag	cggaggcgta	60
cccggccctg	gggacgtcat	tggtggcgga	ggcaatggcc	ggcaaccagc	tgtaagcgag	120
gcacggaaga	catatgcttg	tgagacaaag	gtgtctctga	aactatggat	ggtacaagaa	180
cttcacttga	cattgaagag	tactcgata	ctgaggtaca	gaaaaaccaa	gtactaactc	240
tggaaagaatg	gcaagacaag	tgggtgaacg	gcaagactgc	ttttcatcag	gaacaaggac	300
atcagctatt	aaagaagcat	ttagatactt	tccttaaagg	caagagtgga	ctgaggggat	360
tttttcctct	ttgcggaaaa	gcgggttgaga	tgaaatgggt	tgacagaccg	ggacacagtg	420
tagttgggtg	ggaaatcagt	gaacttggga	tacaagaatt	ttttacagag	cagaatcttt	480
cttactcaga	agaaccaatc	accgaaattc	ctggaaccaa	agtatttaag	agttcttcgg	540

ggaacatttc	attgtactgt	tgcagtat	ttgatcttcc	caggacaaat	attggcaa	600
ttgacatgat	ttgggataga	ggagcattag	ttgccattaa	tccaggtgat	cgcaa	660
atgcagatac	aatgttttcc	ctcctgggaa	agaagtttca	gtatctcctg	tgtgttcttt	720
cttatgatcc	aactaaacat	ccaggtccac	cattttatgt	tccacatgct	gaaattgaaa	780
ggttgtttgg	taaaatatgc	aatatacggt	gtcttgagaa	ggttgatgct	tttgaagaac	840
gacataaaaag	ttggggaatt	gactgtcttt	ttgaaaagtt	atatctactt	acagaaaagt	900
aaatgagaca	tagataaaaat	aaaatcacac	tgacatgttt	ttgaggaatt	gaaaattatg	960
ctaaagcctg	aaaatgtaat	ggatgaattt	ttaaaattgt	ttataaatca	tatgatagat	1020
ctttactaaa	aatggctttt	tagtaaagcc	atttactttt	tctaaaaaag	ttttagaaga	1080
aaaagatgta	actaaacttt	taaagtagct	cctttggaga	ggagattatg	atgtgaaaga	1140
ttatgcctat	gtgtcttgca	gattgcaaga	tattttaacca	atcagcatgt	gttacctgta	1200
caatttaaaaa	aatattttcaa	aatgcaatgc	atattaaata	taatacacac	agaaaaactg	1260
gcattttat	tgtttttat	ttttgagatg	gagtttctgt	cttggttgccc	aacctggagt	1320
gcaatggtgc	aatctcagct	cactgcaacc	tctgcctccc	agggttcaggt	gattctcctg	1380
cctcagcctc	ctgagtagct	gggattacag	gtgtgcgcca	ccacgcccag	ctaatttttt	1440
gtatttttag	tagagacagg	gtttcaccat	gttggtcagg	ctgatctcga	gctcctgacc	1500
tcaggtgatc	taccacctc	ggcctcccaa	agtgtctgga	ttacaggcgt	gagccactgc	1560
acctggcctg	acattcttta	tgaaatttag	aattgttgaa	gaactataac	atttcagtag	1620
ggttcaaggt	gggtccaaaa	gttatataaa	agattagttt	ttactataaa	cccttgtctt	1680
ttactcagat	cctagcatcc	cttttcacat	ggtttctcca	tgtatataac	agaatcaaga	1740
aacaaat	aattaaacaa	tctgtaacag	aatcaagaaa	caaatacatt	ttaattaaac	1800
aatctatatg	gaacaaacat	tcccaaattc	taagaataaa	tttttcttta	agttttctct	1860
gagtttgcca	attgttgttt	tttataat	aatctgttta	aatcatcagg	tcttataaaa	1920
tataatgtac	ttagagctgg	attcatggct	gtttattatg	aaagggttaga	tttctcagtt	1980
cttctttaac	cacattttgt	tatatcagac	agtcctctat	aactctgtac	taccaacaa	2040
ctaaatggtt	tagattgttt	agtcctgttt	aataggatgg	ttgtgtatta	taaaaaacga	2100
gttacgtgtg	tgtgtgcacg	catgcacgca	catgtgctgg	cttaaagggt	gttaatgcaa	2160
ggtttgggt	cccctttaac	actggtgaaa	gtacgggtac	tctccccaga	gatattgtct	2220
gtcagcctct	ctagttcccc	ttggcctgca	tgtacaaaact	tctaccctag	aagctctctg	2280
ccatcgatgt	attctaatag	atttgaagg	ctattaat	gaagcaactc	cttgctcaca	2340
gtgattcttg	cttctctgag	acctgctccc	agtcgatact	gtgggcttca	gaagccatga	2400
ctccccaaact	ctgcctgtat	caccgggtga	atggacaact	aacccgagct	ggaccaacac	2460
aattctctcc	agagactttt	gattttactt	ttatgtagag	acagggtctc	actttgttgc	2520
ccacgctgat	gttgaacttg	acgtgaggcc	tcaagcagtc	ctcctgtctt	ggccacccaa	2580
agtgttagga	ttacaggtat	gagccattgc	gctggccctc	ttcataggct	tttggaacttg	2640
ggaatagaaa	agcaaccccc	tctctactaa	aaatacaaaa	aaattggcca	ggcgtggtgg	2700
cacgtgcctg	taatcccagc	tacttgggag	gctgaggcag	gagaatcact	tgaacctggg	2760
aggcggaggt	tgcagtgagc	tgagatcatg	ccactgcacg	ccagcctggg	caacagagca	2820
agactctgtc	tcaaaagaaa	gaaaaagaaa	agaaaaaaa			2859

<210> 7886

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (493)...(1189)

<223> similar to gi4309918 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters



<400> 7886

aagaaggttt	cctggcctgt	tgcagccatg	gtgcattgca	gttgctgtgt	gttcagaaaag	60
tatggaaatt	tcatcgataa	gctaagactc	ttcaccaggg	gaggatccgg	tggaatgggt	120
tatcctcgtt	taggtggaga	aggtggaaaa	gggtggtgat	tctgggttgt	agcccacaac	180
agaatgactt	taaaacaact	taaagacagg	tatcctcgga	aacggtttgt	ggctggagta	240
ggagcaaaca	gcaaaattag	tgcactgaaa	ggctccaaag	gaaaagactg	ggaaatccct	300
gtgcctgttg	gtatttcagt	aactgatgaa	aatggtaaaa	ttataggaga	actcaataaa	360
gaaaatgaca	gaatttttgt	agctcaagga	ggctctgggt	gtaaattact	tacaaatttc	420
ttaccattga	aaggccagaa	acgaataatt	caccttgatc	taaaacttat	agctgatgta	480
ggcctagtag	gattcccaaa	tgctggaaaa	tcctctttgc	taagtttgtt	ttctcatgca	540
aaacctgcaa	ttgcagatta	cgcattttaca	acattaaagc	ctgaacttgg	aaagataatg	600
tacagtgatt	tcaaacagat	atcagtagct	gatcttccgg	gtttaataga	aggagcacat	660
atgaacaaaag	gaatgggcca	caaattcctc	aagcatatag	aaagaactag	acaactactt	720
tttgttgttg	atattttctg	atttcagctt	tcttctcaca	ctcaatacag	gacagctttt	780
gaaaccataa	tactgcttac	aaaagagttg	gaattgtaca	aagaggaact	tcagacaaaa	840
cctgcactct	tggcagttaa	taaaatggac	ttgccagatg	ccaagataa	gttccatgaa	900
ttgatgagcc	agctccagaa	tcctaaagat	tttctgcatt	tatttgaaaa	aaacatgatt	960
ccagagagga	ctgtagagtt	ccaacatatc	atccccatat	ctgcagttac	tggagaagga	1020
atcgaagaat	taaagaattg	tataagaaag	tcactggatg	aacaggccaa	ccaggaaaat	1080
gatgcacttc	ataagaaaaca	gttgcttaat	ttgtggattt	ctgatacaat	gtcttctact	1140
gagccaccat	caaagcatgc	tgttactact	tccaaaatgg	atataattta	aatatattaa	1200
aatggtatt	gatggaacag	t				1221

<210> 7887

<211> 1324

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (32)...(477)

<223> similar to gi3171914 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7887

gcgagcgtga	cccaactgcg	gacggtcagc	catggagact	ggagcgtctg	ggcgcccgcg	60
acttctcccg	ttgctgctgc	tgctctgcgg	tgggtgtccc	agagcaggcg	gctgcaacga	120
gacaggcatg	ttggagaggc	tgcccctgtg	tgggaaggct	ttcgagaca	tgatgggcaa	180
gggtggacgtc	tggaagtggg	gcaacctgtc	cgagttcatc	gtgtactatg	agagtttcac	240
caactgcacc	gagatggagg	ccaatgtcgt	gggctgctac	tggcccaacc	ccctggccca	300
gggcttcatc	accggcatcc	acaggcagtt	cttctccaac	tgcaccgtgg	acagggtcca	360
cttgaggagc	ccccagacg	aggttctcat	cccgtgatc	gttatacccg	tcgttctgac	420
tgtcgccatg	gctggcctgg	tgggtgtggc	cagcaaacgc	accgacacgc	tgctgtgagg	480
gtcccgggtga	gatggagtg	gtcacacctg	gcaagctgga	agaaagtcc	ctggggatgg	540
gagagcgggg	gggtgctgcc	aatctccagc	tactgtggcc	acacccacc	tggatcatgg	600
cagacccctc	ccttcctggg	ctgacctgct	ccctcgaggc	cagctgtctc	cctggctgag	660
gctcaggcta	tccgcccag	ctctttgtct	attctagggc	cagtggagga	aaatgtgata	720
aggccggagc	ttgtgtgctg	ggcacagaaa	tcacctgtct	catcctgtgc	tccgcaggct	780
gggcccggagc	ctctgcctgc	aggtttctat	gctgtttctt	agcacagaat	ccagcctagc	840

```

cttagccgca gtctaggccc tgcttgact aggactcctt gcttgacccc atctctggtt 900
cctgccttgg ctctgcacc agccccagct cctgcctaca tccaggcaga aatataggca 960
ggggctcttg gaagacgttc cgtgctgtga cctccgagcc ctcttggttg gaagacagct 1020
ggaaaggctg ggaggagaag ggaggggctg ggggttccca ggagccatgc gtggcctgca 1080
gagtcatttc catcatgatg ctgtgcccgc tatgggctgt gtccatgacc agaggctgga 1140
gtgggggtgt gtttagagccc ctcaccggga cttgctgtgc ggatggggcc tgggcctcct 1200
tcctacaggg gctcctctgt ggggtgaggg ccctctggaa tggcatccca tgagcttgtg 1260
gcctctatct gctaccatct gtgtttttatc tgagtaaagt taccttactt ctggaaaaaa 1320
aaaa 1324

```

```

<210> 7888
<211> 1850
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1743)...(1216)
<223> similar to gi3880857 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7888
tttttttttt ttaactgacc aattttttata agtttagtta aagatgatga ccatcttact 60
tcattacatc tccattaaga cagtttggtta tttcagttac aggtgtatga ctgggagttc 120
aattcttttc tgtgataagt acgaatgact caagctacca ttcaatatc actttacaga 180
tatatgaagc ttgtctactt cacgttcaaa ggttttcctt aatttcgtct tttatctaaa 240
tcaggtcaag tctcttctca taaatgagga aatattaaat gagtgggcag gctctcaagg 300
aaataaaaaa gtgactaggc aggaaataat ctggcaactt ctgtggaata ggatttttct 360
cagtgggtcta aaaataacaa acaccattta tggaccaaag actagggtgcc atgagtttta 420
gaaattggtc cccactccac tgttatgtgt accattatcc cagtggcaga gatacacaga 480
aagccaaggc tcagaggcag taagtcatgg gtccgaggcc tcttgctgat gacaaaactg 540
gaatctgaac ccacgtcagg cttacattta cacatacatg tatacaaatg tacacatata 600
cagcttagat tccataaaat acagtaatct agtggtgga caaattattt ctaataaatg 660
ttataaaata taaacgcctc tctgaatcct ttagaaaatt aattttgcca tgaagtacaa 720
aaaggaaaga gatacaactt aagtatgaac aaagttatag gatactacaa acagttggta 780
atatatactg tctttaaaaa tcattttctc ttatcgaggc attaagccat attgtttata 840
atgtgaagag ctattggcat cttatttttc taccataac catgaccatc acttattcat 900
cttttcatgc atccagggtc atggaaaggc agtaagtaca atttttaaga aaatagcatc 960
aaaagcagat tttaaatacta cctgtttttc cttcgtttgt tttctccaac agttaaggaa 1020
agtaatagta atttctcatt ccaaaccaaa gacaattatg ctcttttgct aaggacacag 1080
ctgtaagtct ctacaagatc agggaagact acaatatttc agaaaaacac tcccagtaaa 1140
gtttatgctt gaatgggcag ctggaaatgc atcgatgtac agggcctctt ttcacggcct 1200
ctaaaagtgc ttgcatcata tgcccacact gtgtctatcc cctccccctg gacgtggtct 1260
ggagtccaat gtgggaaagg gaaccggcaa gcaataactc gtgcatcatc ctcaagttca 1320
cgttcaagtt tcttctccaa ctgcagcatc atctgaggca caccgaaaat aacaacgttc 1380
gagtactgcg aaaaagtaac cttccacaaa tctgaaatat aaaatttggc agatccatgc 1440
acaccttctc gccaaagcgcg gtatctggaa taccaaacta gccatgggtt taattcataa 1500
ccaactgctg tgaacctctt cttcgcagcc gctatgacaa tgcgtccgct cccactaccg 1560
atgtccacaa gggatcctct tcggcatcgc aacattttca caacattttc aatctgcttc 1620
atagttgcag gtacaaatgg caaacagact tttcgaaggg ctggcggttac aaacggcgctg 1680

```